

CLIMATOLOGICAL DATA FOR MARCH, 1911.

DISTRICT NO. 6, MISSOURI VALLEY.

MONTROSE W. HAYES, District Editor.

GENERAL SUMMARY.

March, 1911, was mild and dry. While it was neither so warm nor so dry as the corresponding month in 1910, it has a prominent place in the list of months of that name that have had a general and marked deficiency in precipitation and an excess in temperature. There was some cold weather in Wyoming, Montana, and North Dakota on the 1st and 2d, but with this exception the few periods of low temperatures were of short duration and were not as severe as is usual in March. Although the mean temperature was considerably above the normal, and the percentage of sunshine was above the seasonal average in all of the district except north-central Montana, there was an absence of very high temperatures, and the month was cold enough, especially during the latter half, to retard the progress of vegetation and the development of fruit buds, and, as a result, the prospects are very promising for a fruit crop. Despite the lack of precipitation there was a sufficiency of moisture in the soil for early farming operations. There was, however, a shortage of water for small irrigation reservoirs in northwestern South Dakota. One disagreeable feature of the month was the high wind movement. From almost all portions of the drainage area reports have been received of strong winds that prevailed with considerable frequency, and lasted in some instances over periods of several days. Apparently they caused no damage, and upon the whole the weather conditions were decidedly favorable for all outdoor pursuits. Stock wintered well, and on account of the open condition of the range through most of the winter, a very considerable saving in garnered stuff has been effected, and there is now much more hay in stack than was anticipated in the estimates of the fall of 1910. Some construction work was carried forward on most of the Government irrigation projects, and general preparations were made for active resumption of construction in April. Ice began to move in the Yellowstone River during the first half of the month, and in the upper Missouri River during the latter half. No damage of consequence was caused in the main streams, and in the Missouri there was an absence of the usual high water. However, at the Huntley project, in Montana, considerable damage was done by washouts in laterals and drainage ditches. The warm weather during the early part of the month released a large amount of snow water in that vicinity, and an unusually high stage, accompanied by floating ice that gorged at several places, prevailed in Pryor Creek. It was necessary to cut the canal bank east of Huntley in order to waste the water into the Yellowstone River. Beyond this cutting of the bank no serious damage was caused in the main canal. Around both the St. Mary-Milk River project in Montana, and the Missouri River pumping project in North Dakota, the snow melted gradually and was absorbed in the soil.

Water was turned into the Belle Fourche reservoir (in South Dakota) on the 15th, and at the end of the month the entire flow of the stream, or about 400 cubic feet per second, was being received. On March 18 the storage of water in the Pathfinder Dam (on the North Platte River in central Wyoming) was begun for the season, and on the 31st the reservoir contained about 20,000 acre-feet.

TEMPERATURE.

March opened cold and the lowest temperatures of the month occurred on the 1st or 2d in almost all of the district except the portion lying in the Dakotas and Iowa. There was a general rise in temperature on the 3d, and on the 11th the warmest weather in eastern Missouri occurred. On the 14th there was a change to cooler, and on the 15th the lowest temperatures were registered at most of the stations in the Dakotas and Iowa. After this the weather grew warmer rather rapidly and a general warm wave overspread the district on the 20th and 21st. The remainder of the month was warm, except on the 26th, 27th, and 28th, when an area of moderately low temperatures crossed the district. Comparatively, the coldest weather prevailed in southeastern Wyoming and in the immediate valley of the Missouri River from Omaha to the mouth, where the mean daily temperature excess amounted to less than 5°. The greatest temperature excesses were in the Dakotas and northern Montana, and at some stations the average daily excess was as high as 12°. No station in the district had a monthly mean temperature that was as low as the normal.

PRECIPITATION.

In a few small areas in Missouri and Nebraska, at a few places in southwestern North Dakota and northwestern South Dakota, and at some stations in the mountainous country of central Montana, the precipitation was equal to or slightly more than the normal. In all the remainder of the drainage area there was a marked deficiency.

On the 6th an atmospheric disturbance of slight energy appeared over New Mexico and moved in a northeasterly direction. On the 7th it caused general rains in the Missouri River drainage area from Sioux City, Iowa, southward and eastward. On the 25th-27th a well-marked area of low pressure crossed the district. It appeared in Montana on the 25th and its center crossed the Mississippi River into Illinois on the 27th. Its easterly passage was attended by precipitation that was general except in Wyoming and Colorado, and was heaviest in the extreme eastern part of the district. These were the only storms that gave more than scattered falls of rain or snow, but from the 28th to the end of the month unsettled weather prevailed in almost all of the drainage

area, and there was frequent precipitation, although it was local in character. There was very little snow outside of the mountain country.

SNOWFALL IN THE MOUNTAIN STATES.

Montana.—There was a deep covering of snow over the entire upper Missouri watershed at the beginning of March. The temperature became mild early in the month and by the 15th most of the snow had disappeared from the valleys and foothills. The ground was very dry and generally free from frost. As the melting was gradual the water was mostly absorbed by the soil and the streams were, as a rule, not materially affected, most of them carrying very little more than the normal flow of water. The soil is fairly saturated and in excellent condition for farming operations. In the high mountains the night temperatures were below freezing throughout the month and the days were not warm enough to cause rapid thawing. In all the principal mountain ranges the stock of snow is more than the average and is very solid from thawing and freezing. A late flow of water, above the normal, is indicated for nearly all streams.—*R. F. Young, Section Director.*

Wyoming.—The snowfall for the month was unusually light and the warm weather melted all of it from the plains and from most of the foothills. The snow in the mountains is thoroughly packed, and is in excellent condition to be conserved until late in the summer.—*W. S. Palmer, Section Director.*

Colorado.—A few of the mountain stations reported moderately heavy snowfall, but at a majority of them the fall was light, and at stations in the plains region the fall was markedly deficient for March.—*F. H. Brandenburg, District Forecaster.*

RIVERS.

The streams in the country elevated above 3,000 feet, where there was a snow covering on the ground, with minor exceptions, were not affected by the melting of the snow on the plains and in the foothills. The dry ground absorbed almost all the water liberated. Some of the smaller streams gorged when the ice broke up, but the damage caused was slight. The lower Missouri was abnormally low for the season. The highest stages, which occurred from about the 6th to the 10th, were below the average for March.

TABLE 1.—Climatological data for March, 1911. District No. 6, Missouri Valley.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit.						Precipitation, in inches.						Sky.	Prevailing wind direction.	Observers.		
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unsealed.	Number of rainy days 0.1 inch or more.	Number of clear days.	Number of partly cloudy days.	Number of cloudy days.		
<i>Wyoming.</i>																				
Barnum.	Johnson.	5,500	6	41.0	+ 7.0	72	31	- 1	1	46	T.	- .55	T.	T.	0	24	1	w.	Thos. Freeguard.	
Basin.	Bighorn.	3,862	12	41.0	+ 7.0	72	31	- 1	1	46	0.0	- .34	0.0	0.0	0	29	1	s.	O. J. Robertson.	
Bennett.	Carbon.	2													6	18	5	w.	Chas. C. Young.	
Big Creek.		7,500		31.3		54	31	- 4	1	42	.43	- .14	.15	.09	5.0	2	7	13	sw.	U. S. Forest Service.
Casper.	Natrona.	5,101	2	40.8		50	20	11	12	28	.30	- .20	.20	.12.3	9	10	3	18	M. C. Cook.	
Centennial.	Albany.	8,074	8	32.8		64	20	17	27	36	1.26	- .65	.08	.3	8	3	w.	Louis A. Gregory.		
Cheyenne.	Laramie.	6,088	40	39.4	+ 6.5	64	20	16	1	46	.16	- .79	.08	.3	8	3	18	U. S. Weather Bureau.		
Chugwater.	do.	5,282	10	- 42.1	+ 5.6	69	20	16	1	46	.10	- .61	.30	4.0	2	17	13	1	A. H. Woolever.	
Clark.	Park.	4,320	5	44.0		68	20	10	1	38	.32	- .16	.1.0	.2	20	7	4	Chas. A. C. Snow.		
Cody.	do.	5,000	4	45.4		74	19	- 6	4	50	T.	- T.	T.	0	18	11	2	C. W. Dibble.		
Crazy Creek.	do.	6,828		26.4		53	19	- 18	1	53	.49	- .18	11.0	.7	21	8	w.	James Smith.		
Donne Lake.	Sheridan.	8,821	3	27.8		50	19	8	26	30	1.20	- .40	12.0	5	18	9	4	Abe Mills.		
Douglas.	Converse.	4,793	2	38.7		65	20	3	2	42	.30	- .20	.1.0	1	24	4	3	Henry C. Miller.		
Dubois.	Fremont.	6,909	4	33.8		62	19	8	1	38	.30	- .10	.25	3	20	9	2	Dr. F. H. Welty.		
Eatons Ranch.	Sheridan.	4,600	6	42.5		70	23	10	1	38	.30	- .20	.1.0	1	25	5	1	F. A. Eaton.		
Echeta.	Crook.	4,200	2															M. R. Hunter.		
Elk Mountain.	Carbon.	6									1.36	- .22	.35	27.0	7	6	1		Wm. Richardson.	
Encampment.	do.	7,322	2	34.0		53	30	9	1	29	.41	- .20	0.5	5	12	7	1	U. S. Forest Service.		
Ervay.	Natrona.	6,400	2	36.2		60	30	9	1	30	.57	- .29	6.5	4	21	7	3	Frank Jameson.		
Fort Laramie.	Laramie.	4,270	33															John Hunton.		
Fox Park.	Albany.	9,015	1	25.8		45	31	0	1	28	.32	- .32	3.2	1	26	1	4	U. S. Forest Service.		
Gillette.	Crook.	4,546	5	39.0		68	20	- 12	1	39	.32	- .33	9.0	3	24	4	3	S. D. Perry.		
Hunters.	Johnson.	8,000	5	31.0		57	20	- 17	1	54	.51	- .33	21	6	4	4	w.	U. S. Forest Service.		
Hyattville.	Bighorn.	4,632	12	41.0	+ 4.6	66	20	6	1	42	.42	- .21	15	1	25	0	0	Wm. Booth.		
Jireh.	Converse.	5,050	1															P. L. Ford.		
Kirtley.	do.	7	41.4	+ 6.0	68	20	8	1	39	.17	- .53	.17	3.0	1	25	6	0	D. M. Zum Brunnen.		
Knowles.	Crook.	4,500	2								1.20	- .03	.58	14.4	3	22	4	5	Geo. A. Knowles.	
Le Grande.	Laramie.	4,510	1									- .02	.02	2	2	2	4	Owen Shupp.		
Lander.	Fremont.	5,372	19	36.2	+ 4.9	66	31	- 13	1	45	.25	- 1.35	.16	1.6	2	19	11	1	U. S. Weather Bureau.	
Laramie.	Albany.	7,188	2	36.0	+ 6.3	57	20	11	12	36	.20	- .56	.11	4	25	2	sw.	University of Wyoming.		
Leo.	do.	6,878	10	32.2	+ 1.2	51	31	12	23	28	.59	- .21	.17	12.0	5	20	3	7a	C. A. Cowdin.	
Lolaboma Ranch.	Park.	7,052	7	30.0	- 0.1	54	21	- 15	1	45	.30	- .70	.20	4.0	2	16	7	6	Mary E. Painter.	
Lovell.	Bighorn.	3,825	6	40.2	+ 9.5	73	20	- 1	1	51	.06	- .06	0	1	18	13	0	R. Fred Harrison.		
Lusk.	Converse.	5,007	21															D. E. Goddard.		
Manville.	do.	5,050	1															C. A. Sherman.		
Moore.	Albany.	6,000	10	39.2	+ 3.4	68	21	17	47	42	.55	- .50	.7.0	3	25	4	2	Edwin Moore.		
Newcastle.	Weston.	4,319	4	37.1		74	20	10	2	44	.40	- .25	4.0	2	16	14	1	Dr. S. W. Johnson.		
Pathfinder.	Natrona.	5,735	5	38.0	+ 3.2	63	31	10	1	38	.09	- .47	.04	5.0	3	22	9	0	U. S. Reclamation Service.	
Phillips.	Laramie.	4,900	8	40.6	+ 2.5	70	11	9	28	51	.40	- .37	.30	4.0	2	24	3	4	Mrs. Arthur Rugg.	
Powell.	Park.	4,376	4	41.2		70	20	4	1	45	.02	- .02	0	1	22	7	2	U. S. Reclamation Service.		
Rawlins.	Carbon.	6,748	9	34.1	+ 2.5	58	31	5	1	32	.83	- .26	.33	6.2	7	16	11	4	E. J. Ehrenfeld.	
Saratoga.	do.	6,785	13	33.7	+ 2.5	57	22	- 6	1	34	.20	- 1.38	.07	8.5	5	12	13	6	G. Frederick Clark.	
Sheridan.	Sheridan.	3,790	18	38.8	+ 7.0	71	20	- 4	1	46	.30	- .95	.24	2.5	3	17	9	5	U. S. Weather Bureau.	
Shoshone Dam.	Park.	5,385	5	44.0		74	19	15	1	43	T.	- T.	T.	0	27	4	0	U. S. Reclamation Service.		
Soldiers Home.	Johnson.	4,635	19															Geo. L. Courtney.		
South Pass City.	Fremont.	7,873	9	34.8		48	21	- 10	13	42	.74	- .20	6.8	8	18	6	7	John Sherlock.		
Thermopolis.	do.	4,350	7	40.5	+ 7.9	71	20	- 7	1	49	T.	- T.	T.	0	26	5	0	A. L. Dubig.		
Upton.	Weston.	6,500	2															G. E. McPherrin.		
Valley.	Park.	6,500	2															Jas. L. McLaughlin.		
Verona.	Sheridan.	4,360	2															O. A. Roode.		
Waints Ranch.	Carbon.	7,400	1															Ira G. Wiant.		
Woodrock.	Sheridan.																	U. S. Forest Service.		
Worland.	Bighorn.																	Harry S. Smith.		
Wyncote.	Laramie.	4,207	4	42.8		73	20	10	27	53	.02	- .02	T.	1	27	4	0	U. S. Reclamation Service.		
Yellowstone Park.	Yellowstone Park.	6,200	23	31.9	+ 5.4	55	39	6	1	32	.95	- 1.23	.36	8.1	8	13	11	7	U. S. Weather Bureau.	
(1) Fountain.	do.	7,200	5	34.2		53	19	- 15	2	34	.80	- .40	9.0	5	27	0	4	U. S. Army.		
(2) Gallatin.	do.																	Do.		
(3) Grand Canyon.	do.	7,900	4	21.1		49	19	- 22	2	54	1.01	- .36	14.5	8	18	3	10	Do.		
(4) Lake Yellowstone.	do.	7,733	7	19.8		51	31	- 19	2	52	1.20	- .23	13.5	8	23	0	8	Do.		
(5) Norris.	do.	7,525	7	23.0		53	19	- 19	2	52	1.93	- 1.00	15.0	6	16	5	10	Do.		
(6) Riverside.	do.	6,500	5	24.8		54	19	- 19	20	53	1.97	- .25	12.2	6	18	10	3	Do.		
(7) Soda Butte.	do.	7,000	6	37.2		53	31	- 12	1	46	.47	- .25	4.5	3	22	5	4	Do.		
(8) Sylvan Pass.	do.	7,000	4	28.5		57	20	- 9	2	49	1.39	- .40	12.0	5	20	2	9	Do.		
(9) Thumb.	do.	7,772	5	23.2		62	19	- 15	2	57	.92	- .30	13.0	6	19	3	9	Do.		
(10) Tower Falls.	do.	6,250	2	27.8		62	22	- 6	2	39	.80	- .40	9.0	2	23	2	6	Do.		
(11) Up'r Gey'r Basin.	do.	7,395	7	21.6		44	20	- 10	1	43	1.02	- .30	10.3	8	21	0	10	Do.		
<i>Montana.</i>																				
Adams.	Dawson.	3																W. D. Ennis.		
Adel.	Cascade.	5,200	13	37.0	+ 7.9	62	19	- 7	1	38	.57	- .82	.20	5.0	5	14	9	8	w.	
Agricultural College.	Gallatin.	4,700	14	37.1	+ 6.1	63	23	- 2	1	33	.05	- 1.18	.08	3	19	10	2	sw.		
Augusta.	Lewis and Clark.	4,071	13	35.4	+ 6.2	62	23	5	1	45	.17	- 1.03	.17	2.0	1	17	9	5	w.	
Babb.	Teton.	4,461	5	35.7		56	19	15	4	35	.59	- .32	12.2	6	8	16	7	sw.		
Bald Butte.	Lewis and Clark.	6,500	2	2							.84	- .52	10.9	2	18	10	3	sw.		
Bigtimber Creek.	do.	4,072	5	42.4		68	23	- 4	1	44	.00	- .00	.00	0	28	5	3	w.		
Billings §§.	Yellowstone.	3,115	16	41.8	+ 6.5	74	20	- 5	1	47	.11	- .77	.10	2	2	2	3	w.		
Boulder Nursery.	Jefferson.	4,920	17																	

TABLE 1.—*Climatological data for March, 1911. District No. 6—Continued.*

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit.						Precipitation, in inches.						Sky.	Prevailing wind direction.	Observers.		
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmultiplied.	Number of rainy days, 0.01 inch or more.					
Montana—Continued.																				
Crow Agency.	Rosebud.	3,041	30	39.0	+ 5.6	73	20	- 6	1	47	0.77	- .17	0.50	6.5	3	4	nw.	F. E. Server.		
Culbertson.	Valley.	1,927	8	31.8	+ 10.5	70	20	- 15	1	43	T.	- 1.01	T.	1.5	0	10	5	nw.	G. H. Coulter.	
Cut Bank.	Teton.	3,700	12	36.8	+ 10.5	66	19	- 13	1+	41	T.	- .0	T.	0	0	23	1	w.	Chas. N. Thomas.	
Decker.	Rosebud.	3,400	7																Adam Anderson.	
Denton.	Fergus.	3	39.1			71	20	5	1	39	.48		.20	5.9	5	10	5	w.	P. J. Greisenauer.	
Dillon.	Beaverhead.	5,147	14	39.2	+ 5.4	69	21	0	1	42	.07	- 1.32	.02	T.	5	19	11	sw.	Prof. J. E. Monroe.	
Dirty Creek.	Meagher.	6,000	2																Lewis Cameron.	
Dry Creek.	Broadwater.	5,500	2																J. C. Stuart.	
Dry Wolf Camp.	Cascade.	6,000	2																Mrs. R. J. Eveleth.	
East Gallatin River.	Gallatin.	6,000	3																John Eberhart.	
Ekalaka.	Custer.	11	38.4	+ 6.8	75	20	9	1	47	.08	- .76	.04	.6	3	15	3	10	nw.	Wm. Freese.	
Elkhorn.	Jefferson.	6,576	3																James Heagen.	
Evans.	Cascade.	4,900	4	39.0		66	22	10	3	43	.80		.30	8.0	3	19	7	sw.	H. Thrasher.	
Fallon.	Custer.	2,203	7	36.3d		75	20	0	1	51d	.00		.00	0.0	0	23	1	w.	Mrs. A. C. Gifford.	
Fish Creek.	Silver Bow.	8,500	2	30.4		49	19	6	1	27	.22		.32	4.0	1	20	5	sw.	O. B. Tilton.	
Flathead Creek.	Gallatin.	6,000	2	35.4		59	26	6	1	50	.50		.32	2.4	3	18	7	e.	Alta Williams.	
Forsyth.	Rosebud.	2,514	6	40.6		75	20	- 4	1	48	.24		.15	.6	3	20	6	sw.	W. F. Clark.	
Fort Benton.	Chouteau.	2,630	32	41.0	+ 9.5	68	24	10	3	41	T.	- .56	T.	0	0	21	10	o.	Jere Sullivan.	
Fort Shaw.	Cascade.	3,500	23																U. S. Reclamation Service.	
Fort Harrison.	Lewis and Clark.	4,004	8	40.0		67	12	- 5	1	40									Post hospital.	
Foster.	Yellowstone.	2	38.6			75	20	1	2	51	.46		.40	T.	2	20	6	w.	E. K. Bowman.	
Garnell.	Fergus.	5,500	3	33.1		55	22	6	25	31	3.50		.250	8.5	4	21	5	w.	Thos. E. Scally.	
Glasgow.	Valley.	2,092	15																W. W. Mabee.	
Glendive.	Dawson.	2,089	21	38.2	+ 10.8	74	20	4	4	47	.25	- .86	.10	1.0	4	14	12	sw.	E. C. Leonard.	
Goldbutte.	Chouteau.	4	35.7			68	20	11	4	40	.23		.15	2.5	3	15	12	sw.	Joseph Berthelote.	
Graham.	Custer.	6	39.2d			64	71	1	1	41	.18		.03	5.8	3	18	5	nw.	J. S. Rue.	
Grayling.	Gallatin.	6,700	6	23.4		53	31	- 24	2	58	.79		.37	10.0	4	17	9	sw.	P. Kerzenmacher.	
Great Falls.	Cascade.	3,250	20	40.8	+ 7.2	68	19	15	1	35	.65	- .15	.42	3.3	4	11	13	w.	S. H. Bauman.	
Half Moon Pass.	Fergus.	6,500	2																Thos. Stigen.	
Half Way House.	Broadwater.	6,000	2																Gordon Deans.	
Harlowton.	Meagher.	4,165	4	38.6		63	19	8	12	51	.45		.09	2.8	5	22	6	sw.	Joseph Muir.	
Hayre.	Chouteau.	2,505	32	36.0	+ 8.7	70	23	0	4	45	.16	- .32	.09	3.0	2	7	1	sw.	U. S. Weather Bureau.	
Helena.	Lewis and Clark.	4,110	32	39.0	+ 8.0	62	20	3	1	31	.48	- .26	.13	5.6	3	17	9	w.	Do.	
Hightwood.	Chouteau.	5																	W. S. McCord.	
Huntley.	Yellowstone.	3,014	5	42.8		73	20	7	1	44	.15		.15	2.0	1	18	10	s.	U. S. Reclamation Service.	
Jones Canyon.	Gallatin.	6,800	2																Jas. McCune.	
Jordan.	Dawson.	6																	W. C. Henderson.	
Lewistown.	Fergus.	4,010	15	38.0	+ 7.6	72	20	10	4	39	.67	- .60	.30	6.0	4	13	14	w.	W. W. Watson.	
Livingston.	Park.	4,488	15	42.8	+ 9.3	66	20	14	1	42	.12	- .66	.10	1.2	2	23	6	sw.	W. A. Jennings.	
Lone tree.	Chouteau.	3,280	6	42.0		73	20	3	1	42	.31		.13	1.0	4	21	4	w.	E. Wilson.	
Lost Horse Creek.	Meagher.	5,800	2																C. M. Mason.	
Malta.	Valley.	2,240	5	36.3d		72	23	2	1	48d	.03		.03	5.5	3	21	7	sw.	U. S. Reclamation Service.	
Medicine Lake.	do.	1	29.0			63	23	- 9	4	40	.28		.13	5.5	3	10	0	sw.	J. S. Collier.	
Melstone.	Fergus.	2,903	2																E. J. Parkinson.	
Mildred.	Custer.																		Leon B. Clark.	
Miles City.	do.	2,371	20	41.0	+ 12.4	76	20	3	1	43	.14	- .62	.08	.8	2	19	8	sw.	U. S. Weather Bureau.	
Norris.	Madison.	4,845	5	41.2		67	31	5	1	35	.20		.10	2.1	3	16	8	s.	Madison River Power Co.	
Nye.	Sweet Grass.	3	35.5			59	19	0	1	42	.17		.09	2.6	4	24	2	sw.	F. L. Bryant.	
Olsen Creek.	Jefferson.	6,345	3																Robt. Olsen.	
Pipestone Pass.	do.	7,000	3																Mrs. T. Kiermeyer.	
Poplar.	Valley.	2,020	26	35.1	+ 12.9	71	20	- 7	4	45	.10	- .86	.10	1.5	1	21	5	nw.	H. M. Cosier.	
Raymond.	Teton.	4,200	4	33.8		60	22	- 1	26	49	T.		T.	0	0	15	8	sw.	W. H. Campbell.	
Red Lodge.	Carbon.	5,548	12	35.4	+ 6.8	63	23	1	2	44	.77	- 1.04	.50	7.0	4	19	9	se.	I. A. Draper.	
Renova.	Jefferson.	4,383	13																F. B. Elmer.	
Ryegate.	Yellowstone.	3,040	2	40.4		73	20	8	16	56	.13		.10	1.0	2	23	3	w.	H. Scherlenberg.	
Seville.	Teton.	3,980	3	33.9		61	20	7	4	31	.05		.03	1.5	2	12	4	sw.	U. S. Reclamation Service.	
Sidney.	Lewis and Clark.	1	35.0			71	20	4	15	47	.16		.09	2.3	2	19	5	w.	Fred W. Arndt.	
Spokane Ranch.	Dawson.																		Mrs. H. L. Miller.	
Springbrook.	Lewis and Clark.	10	38.4	+ 8.5	75	20	6	1	42	.25	- 1.25	.10	1.5	3	8	15	8	sw.	J. W. Hardgrove.	
Three Forks.	Gallatin.	4,066	1	41.6b		76	31	- 4	1	53b	.02		.00	0	0	11	3	sw.	M. S. Carpenter.	
Tokna.	Dawson.	2,050	6	39.2		76	20	6	15	53	.09		.09	T.	1	20	4	sw.	U. S. Reclamation Service.	
Trail Creek.	Park.	6,000	3																A. Weidenbauer.	
Twete.	Chouteau.																		J. E. Banmann.	
Utica.	Fergus.	5,000	17	38.6	+ 8.8	68	20	10	1	40	.81	+ .07	.66	4.8	2	23	5	3	nw.	T. W. Korell.
Valentine.	do.	5	36.8			72	20	- 9	1	49	.30		.24	2.0	2	21	3	7	w.	B. M. Bean.
Virginia City.	Madison.	5,880	23	35.0	+ 5.5	59	23	6	1	31	.15	- .95	.15	1.5	1	21	7	3	nw.	M. Mailand.
Warm Rock Mountain.	Broadwater.	5,600	2																D. L. Doig.	
Warm Spring Creek.	Madison.	7,500	2																M. D. Lytle.	
Wolf Creek.	Lewis and Clark.	4,000	8	43.4		70	30	10	1	38	.31		.14	5	6	19	9	s.	A. J. Reed.	
Woodville.	Jefferson.	6,376	2																Anna Kinman.	
<i>North Dakota.</i>																				
Aplin.	Oliver.	5	29.8b			57	13	- 5	4	41b	.21		.20	T.	2	23	5	3	nw.	J. B. Hagelbarger.
Beach.	Billings.	2,759	5	35.9		75	20	- 1	15	53a	.20		.08	2.0	4	19	5	7	n.	D. J. Steiner.
Berthold Agency.	McLean.	2,082	15	33.2	+ 9.4	75	20	0	4	50b	.20	- .62	.10	1.2	3	19	5	7	n.	C. L. Hall.
Bismarck.	Burleigh.	1,674	37	32.7	+ 10.6	73	20	- 5	4	45	.31	- .73	.11	2.3	6	15	10	6	n.	U. S. Weather Bureau.
Bronco.	Mercer.	4	33.8			75	25	- 1	15	47	.12		.08	5.2	4	24	2	sw.	E. M. Walker.	
Buford.	Williams.	1,944	6	34.4		73	20	- 10	4	45	.50		.05	7.0	5	28	0	3	w.	J. A. Beisel.
Dickinson.	Stark.	2,453	19	33.9	+ 10.3	77	20	- 5	4	54	.43	- .54	.13	2.4	5	10	14	7	sw.	L. R. Waldron.
Edgely.	Le Mire.	1,468	10	34.2		68	20	1	15	45	.03		.02	3	2					

TABLE 1.—Climatological data for March, 1911. District No. 6—Continued.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit.						Precipitation, in inches.						Sky.	Prevailing wind direction.	Observers.			
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmeted.	Number of rainy days, 0.01 inch or more.	Number of clear days.	Number of partly cloudy days.	Number of cloudy days.				
<i>North Dakota—Con.</i>																					
Mott.	Hettinger.	5	37.6	.....	78	20	2	14	49	.33	.....	.15	2.5	5	13	10	8	nw.	O. H. Opland.	
Napoleon.	Logan.	20	32.4	+11.9	75	20	—	15	70	.25	—	.80	.25	4.0	1	18	5	nw.	C. J. Hoof.		
New England.	Hettinger.	2,400	35.7	+12.4	78	20	—	1 ^a	44	.00	—	.97	.00	.0	0	27	0	nw.	J. L. McGovern.		
New Rockford.	Eddy.	1,531	.....	.....	.....	.....	.....	.....	.....	.06	.....	.05	.6	2	.....	.....	.....	.....	J. V. M. Sundberg.	
New Salem.	Morton.	2,163	5	33.1	.....	74	20	—	3	47	.46	.35	.....	.10	3.7	5	19	8	nw.	J. Christianson.
Orange.	Adamas.	5	34.8	.....	75	20	0	15	57	.57	.....	.20	2.5	3	19	8	4	nw.	J. E. Goforth.	
Schafer.	McKenzie.	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	V. G. Morris.	
Steele.	Kidder.	1,857	16	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	B. C. Smith.	
Washburn.	McLean.	1,731	8	32.8	.....	70	20	—	8	42	.23	—	.07	.9	4	14	9	w.	W. R. Peterson.	
Williston.	Williams.	1,875	33	32.7	.....	72	20	—	8	46	.20	—	.48	.11	2.0	3	14	8	n.	U. S. Weather Bureau.
<i>South Dakota.</i>																			.....	
Aberdeen.	Brown.	1,300	21	34.6	+ 8.4	73	20	3	15	57	.98	— 1.00	.55	6.5	3	20	4	7	nw.	D. G. Gallett.	
Academy.	Charles Mix.	13	42.7	+ 8.3	79	20	8	15	53	.23	—	.92	.12	.4	2	15	9	7	nw.	I. T. Lothrop.	
Alexandria.	Hanson.	1,352	23	37.5	+ 7.0	73	26	5	15	50 ^a	.70	—	.78	.00	2.0	3	22	3	6	nw.	Albert Hill.
Ardmore.	Fall River.	3,557	2	.....	.....	.....	.....	.....	.....	.60	.....	.....	.....	.....	.....	.....	.....	.....	Chi., Burl. & Quincy R. R.	
Armour.	Douglas.	1,521	15	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	T. J. Markey.	
Bella Fourche.	Butte.	3,000	3	40.8	.....	71	20	12	17	49	.35	—	.20	T.	2	17	4	10	nw.	U. S. Reclamation Service.
Brookings.	Brookings.	1,636	23	37.6	+ 9.2	74	21	3	15	47	.53	—	.25	.47	2	11	16	8	nw.	Experiment station.	
Camp Crook.	Harding.	3,000	19	38.8	+10.4	76	20	6	15	53	.23	—	1.05	.15	T.	2	16	7	8	nw.	U. S. Forest Service.
Canton.	Lincoln.	1,248	16	39.8	73	20 ^a	7	15	52	.11	—	1.12	.11	T.	1	25	6	6	se.	John H. Holsey.
Cascade Springs.	Fall River.	3,422	3	42.7	.....	77	20	14	1	54	.28	.....	.....	3.0	1	23	3	5	nw.	Fred Noerenberg.
Castlewood.	Hamlin.	1,685	5	36.0	.....	70	20 ^a	1	15	51	.33	—	.10	.15	1.7	2	12	12	nw.	M. N. Bradley.
Centerville.	Turner.	1,229	14	39.4	.....	74	20 ^a	7	15 ^a	48	.17	—	1.11	.15	1.7	2	12	12	nw.	Frank Williams.
Clark.	Clark.	1,779	17	35.6	+ 8.1	70	20	0	15	50	.59	—	.29	.65	2	13	15	3	nw.	O. H. La Craft.	
Cottonwood.	Stanley.	2,414	3	46.2	.....	79	20	9	1	48	T.	—	—	T.	0	15	1	1	nw.	Experiment station.
Crow Creek.	Buffalo.	1,385	2	.....	.....	.....	.....	.....	.....	.15	.....	.....	.....	.....	.....	.....	.....	.....	James W. Wilson.	
Daviston.	Perkins.	2	37.7d	.....	75	20	—	2	15	61 ^a	.10	—	—	—	1.0	1	23	3	nw.	G. G. Davis.
Deadwood.	Lawrence.	4,535	2	38.6	.....	71	20	8	1	41	2.80	—	1.00	15.0	4	18	9	4	.....	R. E. Grimshaw.
Deerfield.	Fennington.	6,000	.....	.....	.....	.....	.....	.....	.....	.52	—	.35	8.8	3	17	7	7	w.	Frank E. Miller.	
De Smet.	Kingsbury.	1,726	18	39.2	+ 9.7	72	20 ^a	2	15	53	.42	—	.73	.32	—	3	23	6	2	nw.	J. O. Purinton.
Dowling.	Stanley.	2,250	2	43.1	.....	79 ^a	20	5 ^a	15	58 ^a	.35	—	.5	1	19	8	5	nw.	M. P. Dowling.	
Dumont.	Lawrence.	6,195	2	.....	.....	.....	.....	.....	.....	2.82	—	1.03	15.5	5	20	8	3	nw.	A. B. Wood.	
Eales.	Potter.	.....	.....	.....	.....	.....	.....	.....	.....	.37	—	.16	2.8	6	17	10	4	nw.	A. H. Peterson.	
Elk Mountain.	Custer.	4,700	3	.....	.....	76	20	—	15	49	.27	—	.90	.09	1.0	4	18	12	nw.	James E. Blaine.
Elk Point.	Union.	1,127	12	41.0	+ 6.0	77	20	8	15	49	.15	—	.15	1.5	1	22	1	12	nw.	G. W. Freeman.	
Ellingson.	Perkins.	.....	.....	.....	.....	.....	.....	.....	.....	1.70	—	1.70	18.0	5	18	6	5	sw.	A. C. Ellingson.	
Englewood.	Lawrence.	5,723	12	36.8	.....	76	20	0	1	47	.62	—	.42	2.0	2	16	6	1	w.	Experiment station.
Eureka.	McPherson.	1,584	7	41.5	.....	79	20	8	15	52	.02	—	.02	.2	1	19	8	4	n.	D. Frank Adams.
Fairfax.	Faulk.	1,595	16	38.2	+ 9.5	70	20	3	15	50	.03	—	.99	.47	1.0	3	19	7	5	nw.	Miss Belle Talcott.
Faulkton.	Flandreau.	21	38.2	+ 8.8	74	21	3	15	54	.65	—	.41	.53	—	2	13	3	5	n.	W. A. Harris.	
Forestburg.	Sanborn.	1,231	19	39.2	+ 8.8	77	19 ^a	5	15	58	.61	—	.47	.46	1.9	2	17	9	5	nw.	S. S. Judy.
Fort Meade.	Meade.	3,624	29	43.5	+11.2	78	8	10	26	46	.70	—	.74	.60	2.6	2	16	11	4	w.	Post Hospital.
Frederick.	Brown.	1,371	3	42.0	.....	84	23	4	15 ^a	64	.24	—	.10	1.5	4	15	12	4	nw.	J. E. Jeffers.
Ganvalley.	Buffalo.	13	40.4	+ 6.0	80	20	6	15	54	.20	—	.67	.16	2.0	2	15	10	6	nw.	V. P. Drips.	
Greenmont.	Lawrence.	6,430	2	43.8	+ 8.3	79	20	11	15	50	1.90	+ .84	1.66	2.0	3	11	15	5	nw.	H. C. Hoffbauer.	
Hardy Ranger Station.	Charles Mix.	17	43.8	+ 8.3	79	20	11	15	50	1.90	+ .84	1.66	2.0	3	11	15	5	nw.	T. C. Williamson.		
Harveys Ranch.	Lawrence.	6,600	2	43.8	.....	77	20	13	15	54 ^a	.26	—	.67	19.0	5	18	6	5	w.	Mrs. Ennia Gundlach.
Hermosa.	Custer.	6,282	1	44.2 ^a	.....	77	21	13	15	54 ^a	.26	—	.67	19.0	5	18	6	5	w.	Jerome Harvey.
Hightmore.	Hyde.	3,278	15	40.0	+11.7	79	20	3	15	52	.32	—	.68	.22	2.3	4	14	11	6	nw.	S. M. Booth.
Hill City.	Pennington.	5,067	2	44.2 ^a	.....	70	20	9	15	52	.34	—	.52	6.0	2	20	10	1	nw.	Experiment station.
Hopewell.	Stanley.	1,420	7	33.4	.....	70	20	3	15 ^a	55	T.	—	.10	1.5	4	15	12	4	nw.	H. L. Jones.
Howard.	Miner.	1,564	9	37.0	+ 6.8	72	20	1	15	52	.46	—	.60	.42	1.5	2	14	15	5	nw.	J. J. Cox.
Howell.	Hand.	9	37.5	.....	77	20	4	15	57	.33	—	.17	3.1	3	18	10	3	nw.	M. A. Shuster, Jr.	
Huron.	Beadle.	1,306	29	37.6	+10.9	75	20	6	15	51	.45	—	.54	.35	1.5	4	9	15	7	s.	U. S. Weather Bureau.
Ipswich.	Edmunds.	1,530	14	34.54	+ 7.5	74	20	3	15	51 ^a	.10	—	1.36	.08	1.0	2	12	8	1	nw.	J. B. Taylor.
Kakoda.	Stanley.	2,487	2	42.5	.....	80	20	8	15	52 ^a	.06	—	.04	.4	2	15	15	1	nw.	Rev. D. S. Brown.
Kennebec.	Lyman.	1,689	18	43.4 ^a	+12.4	83	20	9	27	53 ^a	.53	—	.26	.20	5.0	2	20	6	5	nw.	R. C. Van Horn.
Kidder.	Marshall.	1,295	7	33.4	.....	70	20	3	15 ^a	55	T.	—	.10	1.5	2	22	0	9	nw.	H. C. Schüssler.
Kimball.	Brule.	1,788	22	41.1	+10.4	87	20	6	15	54	.11	—	.93	.11	1.0	1	18	10	3	nw.	G. D. Rose.
La Delle.	Spink.	1,400	14	37.8	+ 8.3	75	20	5	15	47 ^a	1.07	+ .08	1.02	5.0	2	13	6	12	nw.	E. L. Ebbert.	
Lead.	Lawrence.	5,200	2	39.1	.....	66	20	15	1	33	1.70	—	.90	23.0	4	15	11	5	nw.	E. F. Irwin.
Lemon.	Perkins.	2,345	2	36.4	.....	75	20	2	15	53	.37	—	.26	3	14	13	4	nw.	W. E. Lyman.	
Marion.	Turner.	1,447	10	41.6	.....	74	20	6	15	47	1.07	—	.80	T.	2	11	16	4	nw.	M. H. Dains.
Marston.	Sully.	3,380	16	38.0	83	20	2	15	50	.05	—	.05	.05	1.0	1	14	13	4	nw.	John S. Walker.
Mellette.	Spink.	1,300	16	37.3	+ 8.3	74	20	5	15 ^a	51	.49	—	.49	.34	3.3	3	16	9	6	se.	Frank A. Howe.
Mенно.	Hutchinson.	1,325	14	40.3	+ 7.1	75	20	8	15	50	.78	—	.33	.38	3.5	3	16	4	11	nw.	J. H. Swanton.
Milbank.</																					

TABLE 1.—*Climatological data for March, 1911. District No. 6—Continued.*

Stations	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit.								Precipitation, in inches.								Sky.				Prevailing wind direction.	Observers.
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmetted.	Number of rainy days, 0.01 inch or more.	Number of partly cloudy days.	Number of cloudy days.								
<i>South Dakota—Con.</i>																									
Watertown.....	Codington.....	1,735	17	36.0 ⁺	+ 8.7	71	20	2	15	48 ⁺	.30	- .48	.30	1	18	8	5	n.	R. Q. Wood.						
Wentworth.....	Lake.....	1,880	18	37.4 ⁺	+ 7.9	72	21	4	15	53	.77	- .18	.77	1	21	2	2	s.	R. C. Zimmerman.						
Wessington Springs.....	Jerauld.....	1,410	11	39.0 ⁺	+ 11.4	78	20	5	15	52	.58	- 1.41	.34	.4	3	5	13	13	nw.	Mrs. N. J. Dunham.					
White Lake.....	Aurora.....	1,646	2	39.0							.02		.02	.0	1	6	9	16	ne.	Mrs. G. A. Rogers.					
Winner.....	Tripp.....	2,500																		A. L. Rawson.					
Yankton.....	Yankton.....	1,234	37	40.4	+ 9.2	74	20	8	15	41	.49	- .65	.34	4.1	3	10	16	5	w.	U. S. Weather Bureau.					
<i>Minnesota.</i>																									
Pipestone.....	Pipestone.....	1,710	11	36.8	+ 7.6	70	20†	2	15	54	.11	- .60	.10	T.	2	18	12	1	nw.	W. S. Campbell.					
<i>Colorado.</i>																									
Akron.....	Washington.....	4,650	9								.10		.10	1.0	1					Ira M. Barnhouse.					
Albion Lake.....	Boulder.....										7.60		1.50	76.0	13	11	9	11	e.	Fred R. Dungan.					
Alma.....	Park.....	10,238	14								.90	- .36	.50	6.0	2	19	5	7	s.	Anna B. Osborne.					
Arriba (near).....	Lincoln.....	5,238	5	42.0		70	20	2	1	51	T.	T.	0	28	2	1	s.	C. A. Creel.							
Auldhurst.....	Teller.....	8,500	1								1.38		.33	15.0	6	14	14	3	s.	Mrs. Alice A. Auld.					
Boulder.....	Boulder.....	5,347	15	45.0	+ 5.1	70	20	12	1	38	.64	- .94	.35	T.	4	21	6	4	s.	O. H. Wangelin.					
Burlington.....	Kit Carson Park.....	4,160	8	45.3		74	10†	7	1	49	.07		.07	0	1	12	18	1	se.	W. P. Davis.					
Cassells.....	Douglas.....	6,220	19	42.0	+ 5.5	70	31	6	27	52	.41	- .74	.21	1.5	3	17	11	3	s.	Harriet M. Casell.					
Castle Rock.....	Jefferson.....	6,890	8	40.4		64	31	12	1	44	.50		.20	3.0	4	13	2	1	sw.	Raymond W. Maxwell.					
Cheeseman.....	Cheyenne.....	4,278	17	44.6	+ 6.2	74	20	4	1	49	T.	- .84	T.	0	0	28	3	w.	J. G. Thornburg.						
Cope.....	Washington.....	14,630	4	43.8	+ 5.1	81	9	1	1	52	.00	- 1.24	.00	0	0	16	13	2	s.	J. W. Adams.					
Corona §§.....	Grand.....	11,660	4	46.4		32	24	- 4	26†	26	.36		.91		10			w.	A. A. Williams.						
Denver.....	Denver.....	5,272	39	45.2	+ 6.5	70	20	14	1	39	.28	- .72	.12	.4	5	14	14	3	s.	U. S. Weather Bureau.					
Edgewater.....	Jefferson.....	5,450	3	44.0		72	10†	9	1	60	.39		.24	T.	3	18	7	6	s.	Do.					
Estes Park Hatchery.....	Larimer.....	8,000	2								.85		.30	10.0	5	4	16	11	w.	Dr. N. P. Levin.					
Fort Collins.....	do.....	4,985	29	41.7	+ 5.5	69	20†	- 2	1	47	.05	- .97	.02	T.	3	15	12	4	nw.	Gaylord H. Thomson.					
Fort Lupton.....	Weld.....	4,907																	R. W. Benedict.	Colorado Agricultural College.					
Fort Morgan.....	Morgan.....	4,319	13	42.6	+ 3.9	75	10	7	1	54	.00	- .53	.00	0	0	11	9	sw.	Delta M. Scott.						
Frances.....	Boulder.....	9,300	6	32.9		56	15†	6	27	36	1.19		.25	16.0	8	8	2	1	w.	C. W. Barry.					
Fry's Ranch.....	Larimer.....	7,500	1	36.4		57	20	14	2†	33	1.15		.44	9.0	9	17	12	2	w.	Norman W. Fry.					
Georgetown |||.....	Clear Creek.....	8,550	9								.68		.23	7.8	7	20	4			H. L. Corbett.					
Greeley.....	Weld.....	4,640	20	43.4	+ 5.6	74	20	5	1	56	.01	- .81	.01	0	1	22	7	2	nw.	Nelson Reynolds.					
Hartsel.....	Park.....	5,076	2	41.2		69	20	6	1	46	.04		.04	T.	1	11	17	3	w.	George M. Blake.					
Hawthorne.....	Boulder.....	6,000	2								.65		.30	7.0	7	21	5	5	sw.	Emily Kleintinecht.					
Holyoke (near).....	Phillips.....	3,745	15								.77		.37	2.0	4	24	6	1	w.	B. E. Chesebro.					
Idaho Springs.....	Clear Creek.....	7,534	11	38.8	+ 3.8	61	20	14	2	36 ⁺	.30	- .82	.12	T.	6	6	22	3	w.	A. C. Cauble.					
Keota.....	Weld.....	4,966									.08	- 1.21	.08	T.	1					J. J. Willis.					
Laporte.....	Larimer.....	5,053	20								.10	- .89	.10	1.5	1	12	14	5	nw.	L. S. Griffin.					
LeRoy (near).....	Logan.....	4,380	22								.28		.16	4.0	3	14	14	3	w.	P. A. Taft.					
Longmont §§.....	Boulder.....	4,980	10	43.6	+ 5.7	72	19	13	17	49	.21	- .90	.14	0	2	23	5	3	w.	Chas. Green.					
Longs Peak (near).....	Larimer.....	8,600	16	30.2	+ 2.9	70	31	0	7	55	1.20	- .72	.42	14.0	6	4	25	2	w.	Great Western Sugar Co.					
Luta Pass.....	do.....										.26		.87	35.0	7	8	16	7		A. M. McCahan.					
Mora.....	Platte Canon.....	7,775	21	34.5	+ 4.5	54	20	9	29	41	.30	- 1.33	.20	3.0	2	3	27	1	w.	J. D. Stead.					
Platte Canyon.....	Jefferson.....	5,492	12								.20	- .86	.07	T.	5	23	8	0	sw.	Denver Union Water Co.					
Saint Cloud.....	Larimer.....	7,750	8								.28		.16	4.0	3	14	14	3	nw.	Miss Guilla Slivers.					
Sedgwick.....	Sedgwick.....	3,573	3	43.6		83	26	8	2	64	.25		.25	0	1	14	10	7	sw.	Edwin Lewis, M. D.					
Sill Mine.....	Clear Creek.....	11,500	2	21.5		38	20	- 5	26	25	2.87		.80	29.1	11	15	4	12	w.	Chas. F. Deininger.					
Spicer (near).....	Larimer.....	8,700	1								.48		.21	5.7	7	18	11	2	sw.	Frank W. Murphy.					
Sterling.....	Logan.....	3,593	2	43.9		75	10†	11	1	50	T.		T.	0	0	18	12	1	w.	Great Western Sugar Co.					
Waterdale.....	Larimer.....	5,206	8	43.4		72	20	2	1	47	.26		.17	0	2				P. H. Boothroyd.						
Wray.....	Yuma.....	3,512	15	45.5	+ 5.9	79	10†	11	1	55	.03	- 1.02	.03	0.5	1	13	18	0	nw.	J. C. Tuomey.					
Yuma.....	do.....	4,138	20								.10	- 1.22	.10	T.	1	15	9	7	se.	George W. Custer.					
<i>Nebraska.</i>																									
Ainsworth.....	Brown.....	2,521	6	43.0		73	25	10	15	48	1.16		.92		2	1	25	5	sw.	John M. Cotton.					
Albion.....	Boone.....	1,747	16	41.6	+ 4.9	77	20	10	1†	50	.64	- .22	.42	2.0	4	18	7	6	s.	F. M. Weltz.					
Alliance.....	Boxbutte.....	3,968	17	41.8	+ 7.4	73	20	9	2	51	.30	- .51	.20	3.0	2	29	10	1	nw.	J. A. Keegan.					
Alma.....	Harlan.....	1,930	14	46.0	+ 4.7	84	20	3	1	56	.04	- .72	.02	.2	2	19	11	1	s.	W. A. Sharpnack.					
Anoka.....	Boyd.....	5	40.7			79	20	6	18	59	.16		.10	2.0	2	8	18	5	nw.	W. Whitla.					
Arcadia.....	Valley.....	2,186	1								1.00	+ .11	.45	8.0	3	8	17	6	sw.	J. L. Owen.					
Ashland.....	Saunders.....	1,100	27	43.9	+ 4.8	75	20	14	18	43	.44	- .61	.15	.7	6	19	11	1	u.	Dr. A. S. von Mausfeld.					
Ashton.....	Sherman.....	2,061	19								.13	- .57	.09		2	21	5	5	n.	F. Rein.					
Atkinson.....	Holt.....	2,108	4	41.0		84	9	12	1	51	.33		.28	2.5	2	16	10	5	nw.	C. J. Wilson.					
Auburn.....	Nemaha.....	1,051	20	44.9	+ 4.7	77	20	15	18	44	1.00	- .84	.65	.5	2	24	18	9	4	s.	J. H. Huffman.				
Aurora.....	Hamilton.....	1,792	18	45.3	+ 6.8	78	20	11	27	47	.30	- .56	.19	.5	2	24	5	2	n.	Chi. Burl. & Quincy R. R.					
Beatrice.....	Gage.....	1,235	21	44.8	+ 5.4	76	20	16	1†	45	.33	- .40	.32	.7	2	23	4	4	nw.	W. S. Waxham.					
Beaver City.....	Furnas.....	2,147	20	49.2	+ 8.1	83	20	8	1	52	.02	- .70	.02	.0	1	12	17	2	ne.	T. M. Davis.					
Bellevue.....	Cherry.....	1,210	5	41.4		79	20	10	27	54	.25		.25		1	21	7	3	sw.	Prof. A. A. Tyler.					
Benkelman.....	Dundy.....	2,968	15								.60		.30		2	18	8	5	s.	R. D. Druliner.					
Bertrand.....	Phelps.....	2,515	3								.20		.12		2	18	8	5	s.	W. F. Dobbin.					
Blair.....	Washington.....	1,122	16	42.3	+ 4																				

TABLE 1.—Climatological data for March, 1911. District No. 6—Continued.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit.						Precipitation, in inches.						Sky.	Prevailing wind direction.	Observers.		
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmeted.	Number of rainy days, 0.01 inch or more.	Number of clear days.	Number of partly cloudy days.	Number of cloudy days.		
<i>Nebraska—Continued.</i>																				
Elmcreek.	Buffalo.	2,268	3								0.44		0.23		2				E. L. Sutton.	
Elsie.	Perkins.	3,382	3								.06		.05	0.5	1				J. F. Brittain.	
Ewing.	Holt.	1,888	26	40.8		81	21	10	17	53	.75	-.43	.60	2.0	2				G. H. Benson.	
Fairbury.	Jefferson.	1,316	35	45.5	+ 4.6	81	20	15	1	48	.95	-.56	.35	4.2	6	16	10	nw.	W. F. Cramb.	
Fairmont.	Fillmore.	1,641	17	42.5	+ 4.7	79	20	12	17	49	.92	-.67	.25	2	3	20	1	10	Chi., Burl. & Quincy R. R.	
Fort Robinson.	Dawes.	3,764	23	40.2	+ 6.1	74	20	7	1	52	.23	-.93	.10	1.0	3	19	3	w.	Post Hospital.	
Franklin.	Franklin.	1,820	21	46.8	+ 7.9	83	20	10	18	56	.05	-.81	.05	.5	1	16	10	s.	A. R. Peck.	
Fremont.	Dodge.	1,203	31	41.8	+ 5.9	74	20	15	18	44	.70	-.77	.40	3.0	4	15	13	nw.	Ernest Hahn.	
Fullerton.	Nance.	1,629	10	43.4		78	20	13	1	48	.76	-.05	.74	.5	2	22	3	se.	Dr. F. W. Johnson.	
Geneva.	Fillmore.	1,633	19	45.0	+ 6.0	76	21	14	1	55	.55	-.30	.33	1.5	4	25	2	4	F. M. Flory.	
Genoa.	Nance.	1,584	36	43.4	+ 8.6	77	20	14	18	51	.37	-.68	.32	.5	2	14	12	nw.	F. W. Parsons.	
Gordon.	Cherry.	3,550	11	40.3 ^b		76	20	2	1	55 ^b	.75	+.07	.75	3.0	1			sw.	Geo. F. Williams.	
Gosper.	Gosper.	9									.07		.05	1.0	2	16	12	3	E. H. Stoll.	
Gothenburg.	Dawson.	3,557	16	46.2	+ 7.6	82	20	13	18	55	.27	-.49	.15		2	16	6	nw.	Dr. W. J. Bartholomew.	
Grand Island.	Hall.	1,860	19	45.8	+ 8.4	82	20	15	1	50	.41	-.59	.21		2	16	8	s.	E. A. Barnes.	
Grant.	Perkins.	3,405	7	44.6		79	20	8	1	57 ^a	.29		.20	2.0	1	12	15	nw.	Cyrus Carver.	
Greeley.	Greeley.	2,021	16	41.7		77	20	12	15	37	.94	+.26	.55	3.5	3	15	14	2	W. E. Morgan.	
Guide Rock.	Webster.	1,636	11								.24	-.98	.13	.0	4	14	9	nw.	J. S. Marsh.	
Halsey §.	Thomas.	2,495	9	45.8		81	20	16	17	45	.33		.22	1.0	3	21	4	nw.	U. S. Forest Service.	
Hartington.	Cedar.	1,309	19	41.2	+ 8.0	76	20	9	15	45	.27	-.100	.15	2.7	3	16	6	nw.	D. E. Ewing.	
Harvard.	Clay.	1,812	21	42.6	+ 5.1	78	20	11	1	47	.47	-.37	.37	1.7	3	20	7	nw.	Dr. J. T. Fleming.	
Hastings.	Adams.	1,932	20	42.4	+ 4.7	80	20	12	1	51	.54	-.49	.34	2.0	2	20	6	nw.	Chi., Burl. & Quincy R. R.	
Hayes Center.	Hayes.	18	46.3			80	20	13	1	52 ^a	.35	-.91	.25	3.5	2	22	3	1	C. A. Ready.	
Hay Springs.	Sheridan.	3,821	25	41.6	+ 9.2	76	20	10	15	54	.50	-.102	.30	5.0	2	17	12	2	A. Kadlec.	
Hebron.	Thayer.	1,458	26	45.0	+ 6.1	80	20	15	17	48	.20	-.112	.07	T.	4			Dr. C. M. Easton.		
Hemingford.	Boxbutte.	4,256	2								.17		.11		2			A. S. Enyeart.		
Hendley.	Furnas.	2,231	7								.02		.02		1			T. L. Jones.		
Hillside.	McPherson.	3,484	2	42.0		77	20	8	12	60	.17		.17		1	18	8	5	nw.	
Holdrege.	Phelps.	2,324	18	45.6	+ 7.8	81	20	11	1	47	.30	-.62	.25	.5	2	20	6	nw.	Chi., Burl. & Quincy R. R.	
Hooper §.	Dodge.	1,228	14	42.5	+ 5.2	76	20	12	18	43	.97	+.01	.59		3	19	2	10	Dr. W. H. Heine.	
Imperial.	Chase.	3,278	20	42.2	+ 4.2	75	20	11	27	55	.23	-.107	.10	2.0	3	9	16	6	nw.	Robt. Malcom.
Kearney.	Buffalo.	2,146	21	44.9	+ 7.1	82	20	10	1	52	.10	-.80	.10	T.	1	12	16	3	nw.	City Engineer.
Kimball.	Kimball.	4,697	20	41.6	+ 6.3	75	20	10	26	46	.20	-.72	.20	2.0	1	9	21	1	nw.	F. J. Bellows.
Kirkwood.	Rock.	16	42.2	+ 8.3	81	20	11	15	55 ^b	.37	-.59	.35	.5	2	20	6	5	nw.	Mrs. C. Arter.	
Kowanda.	Deuel.	3									.00		.00	.0	0				Geo. W. Hulse.	
Lexington.	Dawson.	2,355	23	45.7	+ 8.5	81	20	13	1	53	.29	-.80	.15		2	24	1	6	nw.	Robt. Chadwick.
Lincoln.	Lancaster.	1,189	36	43.4	+ 7.4	78	20	18	1	41	.43	-.90	.32	.6	5	14	5	12	n.	U. S. Weather Bureau.
Lodgepole.	Cheyenne.	3,820	13	44.6	+ 8.0	78	20	11	17	54 ^a	T.	-.91	T.	0	24	7	0	n.	R. T. Kidney.	
Loup.	Sherman.	2,067	2	46.3	+ 6.6	78	20	10	1	58	.15	-.67	.15	1.0	1	27	3	1	nw.	E. S. Hayhurst.
Loyal.	Custer.	2,257	12								.39		.30	3.0	2	24	4	3	nw.	C. H. Cass.
McCook.	Redwillow.	2,506	17	46.4	+ 6.6	84	20	5	1	59	.12	-.60	.12	.0	1	27	3	1	nw.	C. G. Cogizer.
McCool Junction.	York.	1,575	16								.55	-.37	.40	4.0	2				L. L. Slagle.	
Madison.	Madison.	1,585	18	41.0	+ 5.6	74	20	13	15	43	.85	-.08	.60	2.5	3	15	13	3	nw.	Dr. F. A. Long.
Marquette.	Hamilton.	1,830	31								.26	-.08	.21	.5	2				John Ellis.	
Mason City.	Custer.	2,257	12								1.04	+.21	.75		2				J. A. Ambsberry.	
Minatare.	Scotts Bluff.	3,825	2								.00		.00	.0	0	16	3	12	w.	A. Kennedy.
Minden.	Kearney.	2,169	34	44.8	+ 7.8	81	20	11	1	50	.42	-.90	.38	.6	2	18	8	5	nw.	Joel Hull.
Mitchell.	Scotts Bluff.	3,950	2	42.0		74	20	7	27	56	T.		T.	0	22	9	0	nw.	U. S. Reclamation Service.	
Nebraska City.	Otoe.	941	35	45.6	+ 7.5	76	20	15	18	46	.57	-.87	.47	1.0	2	18	10	3	s.	Chi., Burl. & Quincy R. R.
North Norfolk.	Madison.	1,532	28	45.8	+ 7.1	77	20	12	1	48	1.05	+.13	.62	3.5	6	21	5	nw.	Dr. P. H. Salter.	
North Loup.	Valley.	1,961	23	43.2	+ 7.6	80	20	8	23	53	.58	-.34	.30	1.0	2	21	8	2	n.	W. G. Rood.
North Platte.	Lincoln.	2,841	37	43.8	+ 8.5	80	20	14	1	53	.20	-.67	.19	1.2	3	15	11	5	w.	U. S. Weather Bureau.
Oakdale.	Antelope.	1,722	24	39.8	+ 6.7	75	20	12	18	48	.46	-.31	.35	2.0	5	16	8	7	nw.	G. S. Klingman.
Odell.	Gage.	1,278	7																Chi., Burl. & Quincy R. R.	
Omaha.	Douglas.	1,103	41	43.0	+ 7.0	76	21	15	15	37	1.29	-.10	.59	6.0	6	14	7	10	s.	U. S. Weather Bureau.
Ord.	Valley.	2,062	17								1.21	+.39	.53		3	17	7	7	n.	Jas. Milford.
Orleans.	Harlan.	1,993	3								.08		.05		2				Jas. McGeachin.	
Osceola.	Polk.	1,644	14	39.6		75	21	15	17	42	.60	-.34	.50	T.	2	13	15	3	nw.	G. T. Ray.
Palisade.	Hitchcock.	3									.05		.05	.5	1				E. E. Young.	
Palmyra **§.	Otoe.	1,142	15	42.4	+ 8.3	76	20	16	18	48	.82	-.07	.45	T.	4	21	10	0	n.	Thos. Coles.
Paxton.	Keith.	3,060	5								.05		.05	1	1				F. A. Barton.	
Plymouth.	Jefferson.	1,419	7	43.1		79	20	15	18	47	.62		.32	T.	3	14	7	10	n.	H. D. Meader.
Purdum.	Blaine.	11	43.2		79	20	12	27	52	.29	-.75	.20	2.0		2	22	4	5	nw.	John Ruppel.
Ravenna.	Buffalo.	2,028	34	45.0	+ 8.2	81	20	10	1	53	.23	-.98	.15		2	18	10	3	nw.	T. C. Jackson.
Red Cloud.	Webster.	1,687	19	46.6	+ 5.6	83	20	14	18	56	.05	-.62	.06	.5	1	23	5	3	nw.	H. G. Smith.
St. Libery.	Howard.	1,887	15								.36	-.52	.32	.5	3	23	6	3	nw.	Chas. S. Ludlow.
St. Paul.	do.	1,796	17	44.3	+ 5.8	79	20	15	1	48	.30	-.55	.25	.5	2	23	7	1	nw.	W. I. Meader.
Santee.	Knox.	1,239	19	44.6	+ 9.7	82	21	11	16	60	.70	-.42	.60	3.0	3	20	8	4	se.	Paul Anderson.
Sargent.	Custer.	1,339	13	42.4 ^a		79	20	14	1	50	.40	-.50	.40	4.0	1	16	12	1	sw.	Nat H. Neff.
Schuyler.	Colfax.	1,357	16			77	20	12	18	49	.40	-.38	.30	.2	2	18	10	3	nw.	J. L. Ferguson.
Scottsbluff.	Scotts Bluff.	3,888	5	44.2		77	20	12	1	52	.01		.01	.1						

TABLE 1.—Climatological data for March, 1911. District No. 6—Continued.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit.						Precipitation, in inches.						Sky.	Prevailing wind direction.	Observers.			
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmelted.	Number of rainy days, 0.01 inch or more.	Number of clear days.	Number of partly cloudy days.	Number of cloudy days.			
<i>Iowa.</i>																					
Afton §.	Union.	1,212	17	41.1	+ 4.6	76	21	15	15	.39	1.39	- 0.71	0.67	1.0	4	15	7	9	sw.	Hon. N. W. Rowell.	
Allerton §.	Wayne.	9	42.0	+ 3.8	77	21	15	16	33	1.40	- 1.05	.75	1.5	6	23	2	6	nw.	Mrs. Geo. Shriver.		
Alton.	Sloix.	1,305	6	37.0	72	21	3	27	48	T.	T.	T.	0	0	16	11	4	nw.	W. S. Slagle.		
Atlantic.	Cass.	1,164	20	39.9	+ 5.2	75	20	12	15	.39	.36	- .89	.65	2.5	6	13	4	14	nw.	Thos. H. Whitney.	
Audubon §.	Audubon.	1,301	17	40.6	+ 6.4	73	21	4	15	.53	.63	- .99	.51	4.8	1	3	19	8	nw.	Geo. E. Kellogg.	
Bedford §.	Taylor.	11	42.0	+ 5.3	77	20†	10	18	47	1.17	- 1.15	.59	6.2	6	17	5	9	nw.	E. E. Healy.		
Centerville.	Appanoose.	1									3.00		1.20	1.5	4	23	7	1	w.	Gordon Peacock, Jr.	
Chariton §.	Lucas.	1,042	16	41.0	+ 4.2	77	21	14	15	.44	1.31	+ .23	.84	2.0	3	18	4	9	s.	C. C. Burr.	
Clarinda.	Page.	1,009	21	39.4	+ 3.3	72	20	14	18	.47	.59	- .71	.45	7.0	6	18	4	9	s.	A. S. Van Sandt.	
Corning §.	Adams.	1,117	19	36.8	+ 0.4	59	25†	13	18	.35	1.11	- .63	.63	2.5	6	17	5	9	nw.	Jerome Smith.	
Corydon §.	Wayne.	1,101	18	42.4	+ 5.1	76	21	16d	15	.41d	1.23	- .90	.76	7	19	3	9	nw.	Clara Miller.		
Council Bluffs.	Pottawattamie.	1	41.4	—	78	21	11	18	48	1.23			.50	6.2	5	15	6	10	n.	B. W. Crossley.	
Creston.	Union.	1,312	6	41.0	—	76	21	14	16	.43	1.35		.60	2.0	8	19	2	10	n.	O. J. Colby.	
Cumberland.	Cass.	12									.30	- 1.73	.19	1.0	4	22	5	4	nw.	J. H. Reppert.	
Denison.	Crawford.	1,180	17	39.2	+ 5.5	71	20	9	15	.43	.83	- .68	.45	3.0	5	18	7	6	s.	W. C. Van Ness.	
Elliott.	Montgomery.	6	40.9	—	76	21	13	18	39	1.03		.60	2.0	4	15	11	5	nw.	Henry Barnes.		
Greenfield.	Adair.	19	39.4	+ 4.9	75	21	11	15	39	1.13	- .95	.81	T.	3	18	10	3	nw.	R. B. Oldham.		
Harrow §.	Shelby.	1,182	12	39.4	+ 4.1	76	21	11	18	.43	.69	- .79	.53	1.3	4	14	6	11	nw.	C. A. Reynolds.	
Inwood §.	Lyon.	1,474	7	39.5	—	73	20†	5	15	.47	.47	- .20	.20	1.0	1	18	11	2	nw.	F. B. Hanson.	
Lamoni.	Decatur.	4	41.5	—	75	21	15	16	.38	1.19		.57	2.0	5	19	1	11	nw.	T. J. Fitzpatrick.		
Larrabee.	Cherokee.	1,306	21	38.2	+ 7.5	71	21	7	15	.40	.10	- 1.39	.05	1.0	3	16	14	1	nw.	H. B. Strever.	
Le Mars §.	Plymouth.	1,224	15	39.5	+ 6.5	70	20†	8	15	.39	.19	- 1.41	.11	T.	16	14	1	s.	G. A. Clarke.		
Lenox §.	Taylor.	1,250	16	41.2	+ 4.9	75	21	14	16	.48	1.00	- .75	.50	1.5	4	21	9	1	nw.	J. L. Hurley.	
Leon.	Decatur.	1,120	9	41.3	—	74	21	15	17	.42	2.18	- .58	1.00	2.5	5	16	7	8	nw.	Morris Gardner.	
Little Sioux §.	Harrison.	6	41.0	—	74	20†	11	18	.53	.96		.65	1.5	3	16	9	6	nw.	Geo. H. Gibson.		
Logan §.	Ringgold.	928	44	41.0	+ 6.4	75	21	13	17	.39	1.02	- .79	.49	4.9	3	13	15	3	nw.	Glen H. Stern.	
Mount Ayr §.	Clarke.	1,236	18	42.2	+ 5.2	78	20	15	16	.39	1.71	- .35	.53	3.0	9	17	5	9	nw.	A. F. Beard.	
Murray.	Clarke.	20	40.6	+ 4.9	71	21	14	14	.39	1.17	- .61	.66	9	11	11	9	4	nw.	M. T. Ashley.		
Odeboit §.	Sac.	14	40.5	+ 5.7	75	21	9	15	.41	.75	- .80	.50	5.0	2	22	5	4	nw.	E. Starner.		
Omaha §.	Monona.	1,051	11	42.2	+ 4.7	75	20	12	15	.45	.80	- .57	.55	2.5	5	19	4	8	n.	C. G. Perkins.	
Pacific Junction §.	Mills.	960	12	41.8	+ 4.7	81	21	11	18	.44	.93	- .42	.47	5.0	5	15	5	1	n.	H. H. McCartney.	
Rock Rapids §.	Lyon.	1,358	12	37.1	+ 5.5	68	20	8	1	.35	.20	- 1.15	.20	1.0	1	2	18	10	3	nw.	W. C. Wyckoff.
Sheldon §.	O'Brien.	1,422	11	39.6	+ 8.2	74	20	5	15	.51	.30	- 1.13	.25	T.	0	0	1	0	nw.	Dr. A. W. Beach.	
Sibley.	Osceola.	1,212	18	35.9	+ 6.0	72	20	5	15	.50	.03	- 1.43	.03	.3	1	16	10	5	nw.	H. G. Doolittle.	
Sioux Center §.	Sioux.	12	38.5	+ 5.3	70	20†	5	15	.43	.20	- 1.32	.10	2.0	14	2	14	7	10	nw.	J. de Ruyter.	
Sioux City.	Woodbury.	1,135	22	40.2	+ 7.6	72	21	10	15	.37	.38	- .88	.19	2.7	5	16	6	9	n.	U. S. Weather Bureau.	
Spencer.	Clay.	1																	s.	S. Gillespie.	
Thurman §.	Fremont.	14	42.2	+ 4.4	75	21	12	18	.43	.85	- .81	.34	3.0	5	16	12	3	nw.	C. R. Paul.		
Washita §.	Cherokee.	1,157	13	39.2	—	74	20	6	18	.50	.15	- .81	.15	1.0	1	21	8	2	s.	H. L. Felter.	
Woodburn §.	Clarke.	961	12	41.2	—	78	21	10	15	.53	1.28	- .89	.62	.5	5	15	11	5	sw.	C. B. McDonough.	
<i>Kansas.</i>																					
Abilene.	Dickinson.	1,157	16	46.0	+ 5.0	81	20	11	1	.46	.85	- .53	.51	T.	2	22	3	6	sw.	T. W. Sherman.	
Agricultural College.	Riley.	1,100	53	46.0	+ 5.0	81	20	5	1	.52	.06	- 1.07	.06	T.	1	20	9	2	s.	Prof. J. O. Hamilton.	
Alton.	Osborne.	1,651	9	49.4	—	85	20	1	1	.52	.06	- 1.32	.50	0	4	19	7	5	n.	H. A. Storer.	
Atchison.	Atchison.	973	20	45.8	+ 5.3	78	20†	19	1	.37	.90	- .32							n.	Prof. M. F. Troxell.	
Beloit.	Mitchell.	1,383	16																n.	F. A. Slack.	
Blakeman.	Rawlins.	2,894	14	46.4	—	78	8†	5	1	.57	.01	- .84	.01	T.	1	20	8	3	nw.	C. L. Henderson.	
Blue Rapids.	Marshall.	1,105	5																n.	M. Norton.	
Centralia.	Nemaha.	1,256	2	45.0	—	79	20	15	1†	.46	.92		.80	T.	2	17	4	10	nw.	N. S. Hazen.	
Chapman.	Dickinson.	1,113	7	47.7	—	83	20	10	1	.49	.77		.42	T.	3	23	6	10	s.	Dr. R. McShea.	
Clay Center.	Clay.	1,203	10	46.2	—	83	20	9	1	.50	.57		.33	T.	2	20	2	9	nw.	O. L. Slade.	
Colby.	Thomas.	3,138	20	46.1	+ 7.0	80	20	18	9	27	50	T.	- .75	T.	0	30	1	0	nw.	E. V. Snell.	
Concordia.	Cloud.	1,398	27	46.8	+ 6.1	81	20	13	1	.41	.79	- .69	.43	6	4	12	10	9	nw.	U. S. Weather Bureau.	
Densmore.	Norton.	2,200	2	49.4	—	83	19	1*	1	.47	.02		.02	T.	1	12	15	4	nw.	J. J. Griffith.	
Dresden.	Decatur.	2,731	17	47.4	+ 8.4	82	20	16	6	1	.50	- .01	.01	T.	1	23	5	3	nw.	Jacob Bock.	
Ellsworth.	Ellsworth.	1,537	7	46.8	—	83	20	20	1	.51	.33	- .78	.40	T.	2	15	11	5	s.	Geo. Seitz.	
Enterprise.	Dickinson.	1,144	9	46.8	—	83	20	8	1	.49	.83	- .78	.48	T.	2	16	11	4	n.	H. O. Wagner.	
Eskridge.	Wabaunsee.	1,412	5	46.2	—	80	20	15	1	.35	.79		.55	8	4	6	9	16	n.	Geo. D. West.	
Farnsworth.	Lane.	2,850	10	48.6	+ 6.6	83	20	13	2	.41	.49	T.	- .65	T.	0	22	6	3	nw.	C. M. Jennison.	
Fort Scott.	Bourbon.	857	36	48.0	+ 1.8	84	20	13	2	.41	1.39	- 1.04	.37	T.	8	20	1	10	nw.	E. A. Shaver.	
Frankfort.	Marshall.	1,146	17	46.0	+ 4.8	82	20	14	1	.43	1.12	- .99	.33	2.1	1	11	20	0	nw.	E. C. Dunham.	
Garnett.	Anderson.	950	5	47.4	—	82	20	15	2	.40	.47	- .54	.00	5	4	14	15	2	n.	D. D. Judy.	
Goodland.	Goodland.	3,687	4	47.5	—	78	21	8	1	.55	.00		.00	0	0	20	5	6	s.	C. C. Calvert.	
Gove.	Gove.	2,750	22	48.6	+ 9.5	81	20	2	1	.52	.00	- .75	.00	0	0	19	11	1	nw.	Jesse Royer.	
Hanover.	Washington.	1,225	14	46.5	—	84	20	16	1	.50	1.11	- .32	.40	2.8	5	20	4	7	s.	A. Jaedicke, Jr.	
Harrison.	Jewell.	1,804	10	46.5	+ 5.1	82	20	11	1	.52	1.18	- .74	.13	0	3	22	8	1	n.	Mahlon Tagley.	
Hays.	Ellis.	2,000	43	46.8	+ 5.5	82	20	15	1	.52	1.14	- .91	.11	0	3	22	6	3	n.	G. K. Helder.	
Hill City.	Graham.	2																			

TABLE 1.—Climatological data for March, 1911. District No. 6—Continued.

Stations.	Counties.	Elevation, feet.	Length of record, years	Temperature, in degrees Fahrenheit.							Precipitation, in inches.					Sky.				Observers.
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmeted.	Number of rainy days, 0.01 inch or more.	Number of clear days.	Number of partly cloudy days.	Number of cloudy days.		
Kansas—Continued.																				
Valley Falls.....	Jefferson.....	913	12	45.4	+ 3.1	77	20	19	16	41	0.72	- 0.75	0.49	0.2	4	18	9	4	s.	Miss Nettie Maxwell.
Vinland.....	Douglas.....	880	2								.43	- .25	.5	6	1	24	4	3	s.	A. Schick.
Wakeeney.....	Trego.....	2,456	28	48.0	+ 7.8	81	20	17	1	46	.02	- .76	.02	0	0	6	23	2	sw.	A. S. Peacock.
Wallace.....	Wallace.....	3,303	41	46.8		81	20	0	1	57	T.	- .52	T.	0	0	6	23	2	sw.	M. T. Griggs.
Wamego.....	Fottawatomie.....	1,002	18								.66	- .98	.36	1.0	3	13	11	7	ne.	M. L. Stone.
Missouri.																				
Amoret.....	Bates.....	850	2	47.4		79	11†	13	2	36	.18		.18	T.	1	13	16	2	sw.	Darby fruit farm.
Appleton City.....	St. Clair.....	853	21	47.2	+ 2.7	82	11	8	2	59	3.37	+ .29	2.00	1.5	5	5	23	3	sw.	T. C. Brown.
Arlington.....	Phelps.....	695	21								3.15	+ .31	.70	0	6	20	3	8	se.	George V. Randolph.
Arthur.....	Vernon.....	767	19	48.0	+ 3.5	81	19	5	2	43	1.14	- 1.71	.52	0	5	14	16	1	nw.	J. T. Armstrong.
Avalon.....	Livingston.....	26	45.4	+ 2.6	77	11	17	16	36	2.33	- .22	.95	4.0	4	23	8	sw.	F. G. Ashbaugh.		
Bagnell.....	Miller.....	594	16								1.42	- 1.74	.63	0	5	23	0	8	w.	W. S. Brockman.
Bethany.....	Harrison.....	881	21	43.4	+ 4.0	74	21	16	16	37	1.50	- .81	.90	6.0	3	18	7	6	nw.	W. H. Skinner.
Bolivar.....	Polk.....	1,070	23	48.4	+ 1.4	85	11	11	2	45	2.57	- .44	.55	0	9	15	13	3	se.	E. Waltz.
Boonville.....	Cooper.....	600	35								2.01	- 1.13	.72	2.0	8	16	3	12	nw.	C. Randecker.
Brunswick §§.....	Chariton.....	652	33	45.6	+ 3.9	78	11†	18	16	38	1.98	- .45	1.17	2.0	4	17	0	14	sw.	Louis Benecke.
Clinton.....	Henry.....	800																	se.	Dr. G. W. Menees.
Columbia.....	Boone.....	784	22	45.3	+ 3.9	82	11	17	16	36	1.84	- 1.49	.39	2.5	10	14	14	3	se.	U. S. Weather Bureau.
Conception §.....	Nodaway.....	982	28	43.6	+ 4.6	76	21	19	1	33	1.13	- .51	.86	1.5	3	11	16	4	nw.	Fr. Adhem Hess.
Eldorado Springs.....	Cedar.....	750	6	48.3		85	11	11	2	43	1.26	- .67	.0	4	15	10	6	sw.	Samuel Graham.	
Fairport.....	Dekalb.....	920																	sw.	J. W. Lincoln.
Fayette §.....	Howard.....	725	28	45.2	+ 2.7	81	11	17	1†	36	2.53	+ .02	1.02	3.0	5	16	9	6	se.	Prof. T. Berry Smith.
Fulton.....	Callaway.....	818	20	48.1	+ 1.9	83	11	16	16	42†	1.32	- 1.67	.50	3.0	6	11 ^b	16 ^b	29	se.	Dr. J. L. Bremerman.
Glasgow.....	Howard.....	618	33								.47	- 2.06	.18	2.0	6	18	3	10	nw.	J. J. Shaughnessy.
Grant City.....	Worth.....	1,130	19	43.2		78	21	16	16	40	2.05	- .09	.89	7.5	5	18	10	3	nw.	W. H. Campbell.
Harrisonville.....	Cass.....	912	39	45.4	+ 4.9	78	20	19	1†	41	1.32	- .78	.60	2.0	5	15	4	12	sw.	A. J. Sharp.
Hazelhurst.....	Livingston.....	18																	w.	W. H. Baker.
Hermann.....	Gasconade.....	482	37																sw.	C. T. Maushund.
Houston.....	Texas.....	1,280	19	48.2	+ 0.6	88	9	11	2	45	1.46	- 3.29	.50	3.0	5	20	3	6	nw.	E. Dempsey.
Jefferson City §§.....	Cole.....	628	30	44.8	+ 1.3	84	11	15	16	48	1.27	- 1.77	.45	2.0	8	24	1	6	se.	Miss Emma Swift.
Kansas City.....	Jackson.....	963	23	46.8	+ 5.9	76	20	1	33	1.06	- 1.76	.69	0	5	15	12	4	n.	U. S. Weather Bureau.	
Kidder §§.....	Caldwell.....	1,017	21	43.6	+ 2.3	74	21	21	16	43	1.58	- .79	.78	2.0	4	23	2	7	se.	J. F. Sharp.
Lamonte.....	Pettis.....	863	22	47.0		82	11	14	1	39	1.59	- .97	1.19	T.	5	16	3	12	sw.	Dr. W. E. Walker.
Lexington §§.....	Laclede.....	1,295	23	48.2	+ 2.1	84	11	16	2	46	2.68	- 1.18	.80	0	7	15	10	6	w.	M. W. Serl.
Liberty.....	Lafayette.....	813	29	46.3	+ 3.2	77	21	18	1	34	1.18	- 1.00	.65	0	5	20	0	11	s.	J. W. Keithley.
Lockwood.....	Clay.....	844	23	46.3	+ 3.8	79	21	20	1†	42	1.30	- 1.06	.89	T.	3	18	11	2	sw.	W. C. Wilmott.
Marshall.....	Dade.....	1,088	17	49.6		85	11	20	1†	34	1.29	- .79	.68	T.	4	20	2	9	se.	C. S. Crow.
Saline.....	Saline.....	779	21	46.6	+ 3.9	77	21	14	1	47	1.41	- 1.17	.74	1.5	5	20	9	2	nw.	Dr. W. H. Black.
Marshfield.....	Webster.....	1,492	3	48.8		85	11	8	1	45	2.34	- .85	.85	T.	6	12 ^b	9 ^b	9	sw.	C. A. McCombs.
Maryville §§.....	Nodaway.....	1,160	21	44.8	+ 4.2	76	21	18	1†	43	.80	- 1.14	.29	4.0	4	18	4	9	n.	J. R. Brinck.
Mount Vernon.....	Lawrence.....	1,480	34	50.4	+ 3.5	87	11	21	2†	39	2.24	- 1.45	.67	0	6	21	2	8	sw.	J. R. White & Son.
Nevada.....	Vernon.....	860	17								1.83	- 1.08	.44	0	6	25	5	1	sw.	C. Jewell.
Oregon.....	Holt.....	1,113	55	42.2	+ 3.4	74	21	11	1	48	.79	- 1.30	.79	T.	1	16	4	11	nw.	Tom Curry.
Oscella.....	St. Clair.....	738																	sw.	W. E. Matthews.
Pattonsburg.....	Davies.....	1									1.06		.70	2.5	4	15	3	13	ne.	Wm. Burton.
Rolla.....	Phelps.....	1,092	30	48.2	+ 2.5	86	11	15	2	38	2.23	- .08	.67	0	8	18	7	6	sw.	Prof. P. J. Wilkins.
St. Charles.....	St. Charles.....	614	32	46.6	+ 2.6	83	11	16	16	40	1.96	- .30	.75	6.0	5	16	7	8	se.	L. C. Saeger.
St. Joseph.....	Buchanan.....	825	40	45.2		75	20	1	34	.84	- 1.17	.37	.5	5	15	9	9	nw.	U. S. Weather Bureau.	
St. Louis.....	St. Louis City.....	567	38	46.7	+ 3.2	80	11	21	16	38	2.22	- 1.21	.82	3.5	8	15	6	10	se.	Do.
Sublett.....	Adair.....	1,000																	sw.	Lewis Spriggs.
Trenton.....	Grundy.....	812	16	44.2	+ 3.0	74	11†	19	1	38	2.13	- .08	.70	4.0	6	18	6	7	nw.	W. H. Estes.
Unionville §§.....	Putnam.....	1,072	18	40.5	+ 1.8	73	11†	14	16	39	1.91	- .36	.68	.2	8	18	4	9	n.	Geo. W. Davis.
Warrensburg.....	Johnson.....	883	32	48.0	+ 4.5	78	11	18	1	37	1.65	- .74	.92	0	6	17	5	9	sw.	A. F. Smithsonian.
Warrenton §§.....	Warren.....	865	21	44.6	+ 2.6	86	11	16	16	47	1.42	- 1.08	.44	4.0	9	13	8	10	nw.	Dr. John H. Frick.
Warsaw.....	Benton.....	700	7	49.9		87	20	12	2	61	1.73	- .58	.6	8	17	10	4	sw.	Dr. J. W. Smith.	
Wheatland.....	Hickory.....	920																	sw.	Mrs. S. A. Jackson.

a, b, c, etc., indicate, respectively, 1, 2, 3, etc., days missing from the record.

* Precipitation included in that of the next measurement.

** Temperature extremes are from observed readings of the dry bulb; means are computed from observed readings.

† Also on other dates.

‡ Separate dates of falls not recorded.

§ Data are from standard instruments not supplied by the U. S. Weather Bureau.

|| Instruments are read in the morning; the maximum temperature then read is charged to the preceding day, on which it almost always occurs.

I Estimated by observer.

II Precipitation for the 24 hours ending on the morning when it is measured.

T Precipitation is less than 0.01 inch rain or melted snow.

TABLE 2.—*Daily precipitation for March, 1911. District No. 6, Missouri Valley.*

TABLE 2.—*Daily precipitation for March, 1911. District No. 6—Continued.*

Stations.	Watershed.	Day of month.																														Total.					
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31					
<i>Montana—Contd.</i>																																					
Decker.	Tongue.																																				
Denton.	Missouri.	T.	.02	.01																																.48	
Dillon.	Jefferson.	.03	.16																																	.07	
Dirty Creek.	Musselshell.		.00																																	.44	
Dry Creek.	Missouri.																																			.43	
Dry Wolf Camp.																																				.62	
East Gallatin River.	Gallatin.																																			.23	
Ekalaka.	Little Mo.																																			.08	
Elkhorn.	Jefferson.																																			.21	
Evans.	Missouri.																																			.00	
Fallon.	Yellowstone.																																			.22	
Fish Creek.	Jefferson.	T.	T.	T.																																.50	
Flathead Creek.	Yellowstone.																																			.24	
Forsyth.	do.																																			T.	
Fort Benton.	Missouri.																																			.46	
Fort Shaw.	Sun.																																			.46	
Foster.	Bighorn.																																			3.50	
Garnell.	Musselshell.																																			.13	
Glasgow.	Milk.	.04																																		.25	
Glendive.	Yellowstone.																																			.23	
Goldbutte.	Marias.	T.																																		.08	
Graham.	Powder.	T.																																		.18	
Grayling.	Madison.	.08	.13																																	.79	
Great Falls.	Missouri.	T.	.42																																.65		
Half Moon Pass.	Musselshell.	T.	.01	.60																															1.87		
Half Way House.	Missouri.																																			.76	
Harlowton.	Musselshell.																																			.45	
Havre.	Milk.	.06																																		.16	
Helena.	Missouri.		.14	.14																															.48		
Highwood.	do.	T.	.20	T.																															.42		
Huntley.	Yellowstone.																																			.15	
Jones Canyon.	Gallatin.																																			.19	
Jordan.	Missouri.																																				
Lewisport.	Yellowstone.	T.																																		.87	
Livingston.	Yellowstone.		T.																																	.12	
Longtree.	Missouri.		.13																																	.31	
Lost Horse Creek.	Musselshell.																																			.11	
Malta.	Milk.	.03																																		.03	
Medicine Lake.	Missouri.		.10																																.28		
Melstone.	Musselshell.																																			.25	
Mildred.	Yellowstone.																																			.08	
Miles City.	do.	T.	T.																																	.14	
Norris.	Madison.																																			.20	
Nye.	Yellowstone.																																			.17	
Olsen Creek.	Jefferson.	.01																																		.04	
Pipestone Pass.	do.																																			.24	
Poplar.	Missouri.																																			.10	
Raymond ||.	do.																																			.77	
Red Lodge.	Yellowstone.																																			.12	
Renova.	Jefferson.																																			.12	
Ryegate.	Musselshell.																																			.05	
Seville.	Marias.																																			.05	
Sidney.	Yellowstone.	.09																																		.16	
Spokane Ranch.	Missouri.																																			.54	
Springbrook.	Yellowstone.	.10																																		.00	
Stearns.	Missouri.																																			.02	
Three Forks.	Madison.																																			.09	
Tokna ||.	Yellowstone.																																			.09	
Trail Creek.	do.																																			.72	
Twete.	Milk.																																			.81	
Utica.	Missouri.																																			.15	
Valentine.	Musselshell.	.24	T.				</td																														

TABLE 2.—*Daily precipitation for March, 1911. District No. 6—Continued.*

TABLE 2.—*Daily precipitation for March, 1911. District No. 6—Continued.*

TABLE 2.—*Daily precipitation for March, 1911. District No. 6—Continued.*

Stations.	Watershed.	Day of month.																													Total			
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
Nebraska—Contd.																																		
Marquette.	Platte.						T.	0.21																									0.26	
Mason City ||	Loup.						0.29																									1.04		
Minden.	Blue.						.38																									.42		
Mitchell ||	N. Platte.						.47				T.																					T.		
Nebraska City.	Missouri.						.62																									.57		
Norfolk.	Elkhorn.						T.	.28																								1.05		
North Loup.	Loup.						.01	T.																								.58		
North Platte.	Platte.						.35																									.20		
Oakdale.	Elkhorn.						.28	.10	T.		T.		T.																		.00			
Omaha.	Missouri.						.43																									1.29		
Ord.	Loup.						.43																									1.21		
Palisade.	Republican.																																.05	
Pawnee City.	Gt. Nemaha.						.37																									.78		
Paxton.	S. Platte.						T.																									.05		
Plymouth ||	Blue.						.27			T.																						.62		
Purdum.	Loup.						.09																									.29		
Ravenna.	do.						.08																									.23		
Redcloud.	Republican.						T.																									.05		
St. Libory.	Loup.						.25																									.36		
St. Paul.	do.						.32																									.30		
Santee.	Missouri.																																.20	
Sargent ||	Loup.						T.	.30																								.01		
Schuylerville.	Platte.																																.00	
Scottsbluff.	North Platte.																																.42	
Seward ||	Blue.						.20	T.																								.15		
Sheridan.	Loup.						.38																									.28		
Sidney.	South Platte.																																.00	
Springview.	Niobrara.																																.05	
Stanton.	Elkhorn.						.60																									.95		
Stratton ||	Republican.																																.00	
Superior ||	do.																																.15	
Syracuse.	Little Nemaha.						.41			T.																						.83		
Tecumseh.	Great Nemaha.																																	
Tekamah.	Missouri.						.48																										.85	
Tobias.	Blue.						.40	T.																								.45		
Valentine.	Niobrara.						T.																									.48		
Wahoo.	Platte.						.32																									.02		
Wakefield.	Elkhorn.						.42																									.02		
Walhill.	Missouri.						.09			T.			T.																			.21		
Watertown.	Platte.																																.50	
Wauneta.	Republican.																																.00	
Weepingwater.	Missouri.						.02	.29	T.		T.																					.76		
Westpoint.	Elkhorn.						T.																									.30		
Wisner.	do.						.50																									1.00		
York.	Blue.						T.	.08	T.																							.18		
Iowa.																																		
Afton.	Missouri.						T.	.67																									.139	
Allerton.	Chariton.						T.	.75					T.	.13																		.140		
Alton.	Floyd.																																T.	
Atlantic.	Nishnabotna.						T.	.65	T.		T.		T.																			.86		
Audubon.	do.						T.	.51					.01																			.63		
Bedford.	Missouri.						T.	.59					.02																			.17		
Centerville.	Chariton.						T.	.20					.03																			.00		
Chariton.	Clarinda ||						.84						.12																			.11		
Clarinda ||	Nodaway.						.42						.08																			.15		
Corning.	do.						T.	.63			T.		.05																		.11			
Corydon.	Chariton.						.01	.50	T.		T.		.05																		.11			
Council Bluffs.	Missouri.						.00						.02																		.23			
Creston ||	do.						.00						.02																		.13			
Cumberland.	Nodaway.						.01	.18					.02																		.30			
Denison.	Missouri.						.45																									.20		
Elliott.	Nishnabotna.						.10	.50																								.03		
Greenfield.	Nodaway.						.25	.56																								.13		
Harlan.	Nishnabotna.						T.	.53	T.																							.69		
Inwood.	Big Sioux.																																.20	
Lamoni.	Missouri.																																.19	
Larrabee.	Little Sioux.																																.10	
Le Mars.	Floyd.																																.00	
Lenox.	Missouri.																																.00	
Little Sioux.	Little Sioux.																																.96	
Logan.	Missouri.																																.16	
Mount Ayr.	do.																																.71	
Murray.	do.																																.02	
Odebolt.	do.																																.01	
Onawa.	do.																																.00	
Pacific Junction.	do.																																	

TABLE 2.—*Daily precipitation for March, 1911. District No. 6—Continued.*

TABLE 3.—Maximum and minimum temperatures at selected stations for March, 1911. Section No. 6, Missouri Valley.

Date.	Wyoming.												Montana.															
	Basin.		Cheyenne.		Fort Laramie.		Lander.		Newcastle.		Pathfinder.		Sheridan.		Yellowstone Park.		Billings.		Dillon.		Havre.		Helena.		Lewis-town.		Malta.	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.		
1....	37	-1	43	24	29	14	19	-13	41	11	40	10	39	-4	38	6	40	-5	35	0	33	7	22	3	44	15	32	2
2....	49	7	44	24	40	10	-5	44	10	38	13	47	8	34	7	41	16	36	9	37	25	41	12	39	20	37	13	
3....	50	17	43	29	35	4	47	16	40	22	44	20	37	7	45	20	39	17	30	17	34	20	30	20	35	17		
4....	56	10	48	25	46	3	44	18	50	24	41	22	39	26	49	25	48	19	24	24	37	18	47	10	37	17		
5....	60	21	52	33	45	21	48	15	45	26	46	26	36	28	37	24	50	20	30	10	37	24	46	18	26	10		
6....	56	22	49	29	47	21	50	20	47	28	55	28	40	26	59	24	52	25	44	8	42	25	50	30	34	2		
7....	58	20	55	27	50	15	52	24	49	32	60	27	37	31	57	24	49	29	48	19	52	36	51	29	48	11		
8....	64	33	57	40	48	34	46	20	50	33	53	35	34	26	52	27	47	23	42	34	45	32	50	30	52	24		
9....	58	22	53	34	45	23	48	30	52	30	33	22	55	32	51	25	43	34	46	31	49	29	50	30	52	24		
10....	60	16	60	35	56	22	42	15	51	35	68	25	37	20	62	36	52	24	44	34	53	28	50	32	55	24		
11....	64	31	45	30	38	24	44	22	42	29	46	27	40	20	54	34	55	27	43	25	43	33	49	20	50	20		
12....	60	22	44	23	45	20	50	20	36	15	53	24	40	16	55	36	56	25	47	28	55	24	57	22	55	24		
13....	60	16	51	21	49	18	60	20	41	20	61	23	43	14	61	26	55	28	53	40	56	29	50	22	57	35		
14....	61	22	55	32	56	24	66	23	46	26	53	26	46	20	55	36	56	25	42	19	52	30	58	23	57	18		
15....	60	16	53	22	59	24	53	16	51	24	57	26	46	17	60	25	54	28	39	18	56	26	55	20	43	18		
16....	62	16	58	26	58	25	65	23	54	23	62	22	47	22	71	28	56	26	53	20	54	33	56	27	57	22		
17....	62	31	40	25	46	28	48	26	53	22	46	23	46	22	58	32	53	24	53	20	52	27	57	24	52	22		
18....	60	20	52	24	57	23	54	22	53	26	56	20	46	21	64	32	53	25	50	32	53	40	52	34	67	26		
19....	64	22	62	29	61	26	65	26	54	33	68	25	54	25	72	37	62	31	65	40	61	40	65	28	63	31		
20....	67	24	64	28	62	26	74	32	58	33	71	25	49	27	74	28	64	30	70	39	62	34	72	33	70	33		
21....	70	30	57	36	58	30	62	32	57	32	59	36	50	29	61	40	69	27	46	31	51	34	60	35	64	30		
22....	60	33	42	30	53	36	56	20	58	29	57	24	53	23	58	30	66	29	58	35	58	28	62	30	66	28		
23....	66	28	59	24	60	27	54	32	55	24	69	23	52	27	73	26	64	29	70	27	52	25	62	28	72	24		
24....	68	40	55	32	56	33	55	36	54	39	58	31	41	25	60	35	60	23	51	34	53	34	55	29	64	37		
25....	60	32	51	22	43	25	58	30	52	33	44	26	29	19	40	38	54	21	45	26	38	25	43	22	50	30		
26....	46	21	32	18	43	23	34	20	39	19	40	21	31	7	48	19	55	22	47	28	46	18	39	12	50	19		
27....	40	20	53	17	52	19	50	15	50	24	40	20	30	20	50	25	57	29	45	28	42	30	42	27	50	19		
28....	56	30	48	20	58	17	50	28	51	16	58	22	41	16	63	28	56	26	61	34	58	33	52	24	62	23		
29....	60	31	56	31	64	36	40	30	60	32	49	33	53	29	54	32	59	27	48	35	59	46	50	30	48	34		
30....	68	30	59	28	63	34	56	31	62	34	63	30	55	37	68	30	60	27	44	27	57	35	62	30	46	30		
31....	72	30	56	27	66	27	43	30	63	25	39	30	54	31	36	31	62	28	32	29	60	31	32	24	38	30		
Mns..	59.2	22.9	51.6	27.3	50.9	21.6	51.5	22.7	49.9	26.1	53.2	24.3	42.3	21.5	55.9	27.8	54.2	24.1	46.3	25.8	49.3	28.8	51.1	25.0	50.1 ^b	22.5 ^a		

Date.	Montana.				North Dakota.								South Dakota.													
	Miles City.		Poplar.		Berthold Agency.	Bismarck.	Dickinson.	Jamestown.	Williston.	Aberdeen.	Huron.	Kadoka.	Kimball.	Lemmon.	Pierre.	Rapid City.										
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.						
1....	37	3	31	9	29	14	30	14	28	10	29	14	26	14	35	15	36	15	35	17	30	15	38	23	40	11
2....	44	13	38	12	36	10	33	20	37	13	29	19	31	19	30	15	42	19	55	14	45	20	52	24	53	21
3....	34	26	32	10	30	15	32	7	33	13	29	11	26	-2	32	20	32	25	35	14	37	28	44	26	45	26
4....	44	24	38	-7	40	15	-5	33	-5	38	10	38	-8	34	10	35	21	55	25	36	13	44	29	61	25	
5....	33	24	27	9	40	15	27	16	35	12	29	17	22	15	34	14	39	29	42	29	35	18	46	26	51	27
6....	52	20	40	2	46	7	39	16	42	12	31	10	43	16	38	23	42	28	60	20	49	28	58	24	58	24
7....	56	28	49	9	47	14	44	14	55	17	40	13	47	19	58	25	62	30	68	34	64	32	62	33	68	40
8....	54	30	51	36	50	23	50	31	45	30	41	34	47	37	58	35	65	41	64	45	65	49	58	34	62	49
9....	57	34	48	23	46	26	45	28	44	27	40	30	44	26	58	33	68	38	56	39	59	37	55	36	63	36
10....	62	30	55	27	54	27	61	28	55	25	62	27	55	28	68	32	71	32	70	39	66	22	72	34	67	30
11....	58	36	43	27	42	24	40	24	43	27	53	29	38	24	50	29	56	25	60	16	54	19	56	27	53	26
12....	56	28	51	22	53	16	54	21	52	19	51	20	55	15	61	26	62	25	65	29	65	25	67	34	61	33
13....	62	32	58	28	60	29	60	30	62	22	61	28	56	25	68	25	67	26	68	23	65	25	67	34	61	33
14....	44	26	50	20	52	18	45	6	41	20	53	18	41	5	53	25	55	21	53	22	57	2				

TABLE 3.—*Maximum and minimum temperatures at selected stations for March, 1911. District No. 6—Continued.*

Date.	South Dakota.						Colorado.						Nebraska.												Omaha.				
	Sioux Falls.		Water-town.		Yankton.		Denver.			Wray.			Alma.		Bridge-port.		Grand Island.		Hay Springs.		Hebron.		Lincoln.		North Platte.		Oakdale.		
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	
1....	39	8	35	5	35	20	47	14	56	11	45	3	46	8	50	15	42	15	48	15	45	18	51	14	39	17	41	20	
2....	45	20	44	18	51	26	49	26	57	15	59	20	49	17	60	22	52	18	59	19	58	24	58	17	52	24	57	27	
3....	40	24	34	17	37	25	44	30	59	15	60	27	54	26	48	26	56	25	51	28	56	21	40	25	46	30	46	30	
4....	44	16	32	14	37	22	51	27	55	25	49	27	62	29	47	26	55	18	46	24	44	23	50	28	39	17	44	26	
5....	57	24	44	27	54	28	61	42	68	31	72	27	62	22	70	33	57	32	68	35	65	34	65	29	55	33	60	35	
6....	47	28	40	24	44	28	50	33	57	35	50	35	60	25	60	30	57	32	51	32	48	31	51	29	44	25	46	31	
7....	62	32	60	27	59	33	65	32	70	22	60	35	70	15	60	34	62	20	54	37	55	35	67	34	54	34	52	37	
8....	67	38	63	38	72	43	68	44	78	32	68	43	71	35	70	40	65	35	61	40	52	41	76	33	66	39	49	41	
9....	60	36	59	35	63	37	66	36	68	30	73	35	60	31	68	38	59	23	69	37	67	35	64	34	62	33	65	39	
10....	62	29	58	27	60	32	70	39	79	35	68	40	72	35	62	42	70	32	63	37	59	36	73	36	58	30	59	43	
11....	50	20	51	20	50	31	52	34	64	45	63	50	54	30	66	46	60	37	74	47	74	42	56	35	62	32	69	40	
12....	64	32	45	6	48	22	46	30	51	27	50	28	53	23	51	26	53	15	51	29	49	31	52	21	46	21	47	32	
13....	66	37	64	26	64	32	51	27	62	23	62	18	60	15	63	27	62	15	57	22	58	24	63	21	61	27	55	32	
14....	67	28	54	30	63	32	64	33	67	20	72	26	61	15	71	33	59	22	72	33	70	36	67	23	65	34	69	38	
15....	38	5	50	2	32	8	58	29	58	16	52	25	60	13	40	21	58	10	36	25	38	20	48	23	34	13	38	15	
16....	48	15	55	12	49	18	65	34	71	22	62	23	68	23	56	20	66	25	52	22	49	22	68	20	50	18	46	21	
17....	50	20	35	23	41	20	54	34	57	32	53	36	45	25	40	36	60	28	48	31	48	26	45	23	40	20	46	29	
18....	60	14	57	56	18	71	30	67	33	72	21	74	26	68	18	73	27	67	22	69	30	71	24	55	19	59	22	66	21
19....	64	30	65	18	71	30	67	33	72	21	74	26	68	18	73	27	67	22	69	30	71	24	55	19	59	22	66	21	
20....	73	36	71	25	74	34	70	34	79	24	84	28	76	21	82	32	76	22	80	32	78	37	80	27	75	27	73	42	
21....	75	39	70	47	66	45	64	41	74	41	80	55	68	41	78	54	70	37	74	53	74	54	74	42	73	46	76	55	
22....	60	24	49	24	49	29	46	31	61	24	55	38	55	34	56	34	56	16	56	38	54	33	55	32	48	26	55	34	
23....	63	18	50	15	52	24	64	32	62	25	60	19	70	28	58	28	66	22	56	21	54	24	60	25	54	17	52	30	
24....	60	33	40	40	67	36	61	38	68	34	68	30	68	30	66	32	62	30	65	32	64	34	67	32	65	35	63	36	
25....	70	40	40	40	71	44	65	31	72	29	75	40	70	25	72	44	67	25	71	44	70	32	71	43	68	47	70	47	
26....	64	20	.....	.....	60	21	39	25	52	28	40	31	44	20	55	40	50	21	59	39	61	25	44	21	48	22	61	24
27....	40	12	.....	.....	36	15	63	24	68	15	63	20	67	13	58	19	56	14	58	22	52	22	62	15	42	14	45	20
28....	45	23	.....	.....	45	26	58	28	59	31	58	40	56	25	56	32	53	28	49	31	37	28	55	33	47	28	36	31
29....	40	18	40	27	48	30	65	39	61	32	52	30	50	35	56	36	49	33	57	31	54	32	53	28	48	30	51	33	
30....	45	26	40	17	41	23	66	33	68	30	76	35	68	30	63	29	65	27	59	30	44	29	68	33	45	25	43	28	
31....	40	25	37	20	37	29	61	33	60	26	58	30	50	33	53	29	55	34	49	33	49	34	53	32	47	37	51	31	
Mns.	55.0	24.8	50.1 ^a	21.8 ^b	52.9	27.8	58.3	32.0	64.5	26.5	61.9	30.2	61.2 ^c	24.2 ^b	60.1	31.5	59.1	24.0	58.9	31.0	56.1	30.7	60.7	27.0	53.1	26.5	53.7	32.3	

Date.	Nebraska.				Iowa.				Kansas.				Missouri.													
	Valentine.		Clarinda.		Sibley.		Sioux City.		Colby.		Concordia.		Salina.		Topeka.		Wakeeney.		Columbia.		Kansas City.		St. Louis.		Unionville.	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1....	43	13	44	17	35	7	35	21	48	22	50	13	39	7	40	19	44	17	34	17	40	20	34	25	36	20
2....	52	22	54	20	50	16	53	27	56	23	57	24	52	28	57	24	46	24	48	30	46	27	49	22	52	26
3....	47	25	54	24	36	18	40	27	54	26	60	30	50	29	60	31	57	31	59	30	61	33	59	39	45	26
4....	49	24	45	21	38	17	38	20	60	28	48	31	57	33	46	30	50	23	46	30	46	29	48	23	48	23
5....	49	25	58	21	53	16	55	32	65	23	68	39	64	33	64	38	58	30	70	35	63	33	63	38	56	26
6....	60	24	47	32	50	26	48	29	57	29	58	38	60	39	54	40	65	33	59	40	55	41	63	42	58	32
7....	67	37	54	31	58	30	55	33	70	35	60	40	55	39	64	39	49	38	49	37	56	34	58	34	63	34
8....	67	40	47	32	54	33	53	40	68	32	58	42	60	42	52	41	71	29	63	33	58	41	58	38	63	33
9....	59	37	56	33	62	33	63	36	70	32	68	40	75	46	69	38	72	32	68	47	76	44	68	34	68	34
10....	72	38	55	31	57	26	58	35	65	26	65	4														